November 3, 2021

New York State Department of Environmental Conservation
Division of Environmental Remediation – Region 7
615 Erie Boulevard West
Syracuse, New York 13204-2400
Attn: Mr. Michael Belveg

RE: Revised Supplemental Remedial Investigation Report
Former Coyne Textile Facility
CHA Project No.: 059294.001
NYSDEC Site No.: C734144

Dear Mr. Belveg,

On behalf of Ranalli/Taylor St., LLC (Ranalli/Taylor St.), please find an enclosed copy of the Revised Supplemental Remedial Investigation Report for the Former Coyne Textile Facility located at 140 Cortland Avenue in the City of Syracuse, New York. The document has been revised to reflect the comments provided in the New York State Department of Environmental Conservation's (NYSDEC's) comment letter dated October 27, 2021 which includes comments from the New York State Department of Health (NYSDOH). The NYSDEC/NYSDOH comments and CHA responses/report amendments are summarized below:

Comment 1: General Comments –

i. The data from the Clinton Street portion of the site indicates more information will likely be needed in order to determine if and to what extent any groundwater remedy contingencies may be necessary. This additional sampling can be done under the Site Management Plan (SMP). Please update the SMP accordingly.
ii. Please include the Laboratory Reports for the data presented in the SRIR as an Appendix.
iii. The Phase II investigation should be briefly discussed in the SRIR as it is the original source of the data presented in the SRIR. Please revise and append the January 2021 *Limited Subsurface Investigation Report* to the SRIR for reference.

Response 1*:*

i. This comment is understood. Please note that redevelopment in the area has taken place and includes the replacement of several water mains and the placement of concrete and asphalt. Additionally, as discussed previously, during redevelopment the existing wells were damaged and have since been decommissioned (logs to be provided as part of the FER), and new wells have been installed in-kind within the shallow aquifer.
ii. Laboratory reports for the data have been included as Appendix D. Additionally, the data has been uploaded to EQUIS.
iii. A reference to the Phase II Investigation has been included in the Introduction Section 1.0 and the report is included as Appendix B.

Comment 2: Section 3.1, Subsurface Soil:

a. Figure 2 indicates 12 borings, not 11 as stated in the text for the Clinton Street portion; please revise (please see comment 4b and reconcile)

b. Add a table to this section to clarify exactly which soil borings were analyzed and by what methods. Include why SB-127 was not analyzed which had an elevated PID reading. It is stated in the text that an elevated (presumably higher than zero) PID reading would have determined that a soil boring sample was to be analyzed (please note – it is our understanding that this boring fell apart and could not be analyzed; this should be discussed int eh text). Additionally, explain if any of these soil borings were analyzed for Monitored Natural Attenuation factors.

Response 2:

a. A total of 13 soil borings were advanced (including those for the temporary wells). This has been rectified in the text and shown on Figure 2.

b. A table has been added to Section 3.1 for clarity. Monitored Natural Attenuation (MNA) was not included in this section (per the Comment 3, below). However please note, soil borings were not analyzed for MNA factors as this is an evaluation typically completed on groundwater. Groundwater was not analyzed for MNA factors during this investigation, but data from historical investigations within the roadway (i.e. GZA 2015 Report), and the RI completed as part of the remaining BCP property were used to evaluate the MNA applicability.

Comment 3: Section 7.2, Recommendations:

a. Please remove any references to Monitored Natural Attenuation as the selected remedy. This is only one possible remedy for the groundwater. The final remedy will be selected in the Supplemental Alternative Analysis Report (SAAR).

b. The SAAR should also include remedy options for soil and soil vapor remediation, not just groundwater.

Response 3:

a. References to monitored natural attenuation have been removed and will be included as part of the SAAR.

b. The SAAR will provide options for soil and soil vapor remediation as necessary.

Comment 4: Figure 2:

a. Indicate SB-112, which was converted to TW-112 on the figure; and

b. SB-122 should be displayed as this soil boring is either within or close enough to the western edge of the site boundary.

Response 4:

a. SB-112 is shown in the same location as TMW-112 on Figure 2. A soil/boring symbol has been added.

b. *SB-122 has been added to Figure 2. However, please note that this boring is off of the BCP property. SB-112 is intended to be representative of the most western edge.*

If you have any questions, please do not hesitate to contact me at (315) 257-7145.

Sincerely,

Samantha J. Miller

Samantha J. Miller, P.E.
Project Engineer IV

ecc: Mr. Josh Cook, NYSDEC
Ms. Angela Martin, NYSDOH
Ms. Scarlett McLaughlin, NYSDOH
Mr. Dino Peios, JMA/Ranalli/Taylor Street, LLC
Ms. Gail Cawley, JMA/GEC Consulting
Mr. James Trasher, CHA Consulting, Inc.

Supplemental Remedial Investigation Report

Former Coyne Textile Facility
140 Cortland Ave
Syracuse, NY 13202

BCP Site No. C734144

CHA Project Number: 059294.001

Prepared for:
JMA Wireless d/b/a GEC Consulting
168 Brampton Road
Syracuse, New York 13205

Prepared by:

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Phone: (315) 471-3920

August 16, 2021
Revised:
October 1, 2021
November 3, 2021

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CERTIFICATION

I, the undersigned, certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Remedial Design 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.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, the undersigned, of CHA Consulting, Inc. have been designated by the Site owner to sign this certification for the Site.

For CHA Consulting, Inc.:

(Professional Seal)

Samantha J. Miller, P.E.
Printed Name of Certifying Engineer

Samantha J. Miller
Signature of Certifying Engineer

November 3, 2021
Date of Certification

103303
NYS Professional Engineer Registration Number

CHA Consulting, Inc.
Company

Project Engineer IV
Title

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Appendix C	Subsurface Soil Boring Logs and Delineation Log
Appendix D	Laboratory Reports
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LIST OF ACRONYMS & ABBREVIATIONS

1,1 DCE	1,1- Dichloroethene
AOC	Area of Concern
AST	Aboveground Storage Tank
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CCR	Construction Completion Report
CHA	CHA Consulting, Inc.
cis-1,2-DCE	cis-1,2-Dichloroethene
CVOC	Chlorinated Volatile Organic Compound
DER-10	Division of Environmental Remediation, Technical Guidance for Site Investigation and Remediation
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FER	Final Engineering Report
GZA	GZA GeoEnvironmental of New York
IRM	Interim Remedial Measure
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NYCRR	New York Codes, Rules and Regulations
NYSDEC	New York State Department of Environmental Conservation
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethene
PFAS	Per- and Polyfluoroalkyl Substances
PFOS	Perfluorooctanesulfonic Acid
PID	Photoionization Detector
PVC	Polyvinyl Chloride
QA	Quality Assurance
QC	Quality Control
RAA	Remedial Alternatives Analysis
RCRA	Resource Conservation and Recovery Act
RD	Remedial Design
RI	Remedial Investigation
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SVOC	Semivolatile Organic Compound
TCE	Trichloroethene
TOGS 1.1.1	Technical and Operation Guidance Series 1.1.1.
trans-1,2-DCE	trans- 1,2- Dichloroethene
TZ	Treatment Zone
UST	Underground Storage Tank
VOC	Volatile Organic Compound
Ft bgs	Feet Below Ground Surface
µg/L	Microgram per Liter

1.0 INTRODUCTION

Ranalli/Taylor St. LLC (Ranalli/Taylor St.) entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) as a Brownfield Cleanup Program (BCP) volunteer in September 2017 to investigate and remediate a property known as the Former Coyne Textile Facility, located at 140 Cortland Avenue in Syracuse, New York (Site). In 2021, three amendments were filed with the NYSDEC and subsequently approved. The first amendment added seven entities to the agreement; JMA Tech Properties Holdings, LLC, JMA Tech Properties, LLC, JMA Tech LLC, XRN LLC, JMA Edge Services LLC, Prevail NY LLC, and CELLH LLC. The second amendment expanded the property boundary to include 0.65 acres of the South Clinton Street roadway into the BCA, now wholly considered the "Site". The third amendment corrected the overall acreage of property within the BCA per the site survey that was completed. Figure 1 presents the Site location and boundaries.

CHA Consulting, Inc. (CHA) was retained by Ranalli/Taylor St. to conduct a remedial investigation (RI) on the original BCA limits in 2018. Subsequent interim remedial measures (IRMs), remedial alternatives analysis (RAA) (CHA, March 2020), remedial design and remedial construction addressed contamination identified in the RI Report. With the addition of 0.65 acres of the South Clinton Street roadway, this supplemental RI was conducted to evaluate environmental concerns and provide additional information necessary to evaluate the condition of the added property on South Clinton Street. This report focuses on the addition of the 0.65 acres of the South Clinton Street roadway. This report references previous environmental investigations conducted by GZA GeoEnvironmental of New York (GZA) presented in an Off-Site Environmental Characterization Report (GZA, August 2015) included as Appendix A and a Phase II Limited Subsurface Investigation conducted by CHA in December 2020 (Appendix B).

CHA has prepared this Supplemental Remedial Investigation Report (Supplemental RI Report) to be consistent with the guidance provided in the NYSDEC's Division of Environmental Remediation program policy 10 (DER-10) "Technical Guidance for Site Investigation and Remediation" (May 2010). This Supplemental RI Report has been prepared to outline the procedures that were utilized to conduct a comprehensive environmental RI, to summarize the results of the investigation, and potentially develop remedial alternatives for the Site. The primary objectives of the RI include the following:

- Define the nature/extent of contamination; and,

- Provide additional data necessary for a Supplemental Remedial Alternatives Analysis (RAA) to be appended to the approved RAA and subsequent Decision Document (July 2020).

2.0 SITE SETTING AND PHYSICAL CHARACTERISTICS

2.1 SITE DESCRIPTION

The Former Coyne Textile Facility is located in an urban area at 140 Cortland Avenue in the City of Syracuse, Onondaga County, New York (Figure 1). The Site is identified as two non-contiguous areas as described below:

- The former main laundry facility and offices are known as 140 Cortland Avenue (Tax Map No. 094.-05-06.0) and consist of one parcel of land (1.75-acres) and a road right-of-way (0.65 acres) totaling approximately 2.4 acres. This parcel consists of the JMA Wireless manufacturing facility currently under redevelopment and the South Clinton Street roadway directly adjacent to the active construction.

- The park and employee parking area are known as 1002-1022 South Salina Street/Cortland Avenue (Tax Map No. 094.-20-01.0) and 1024-1040 South Salina Street/Tallman Street (Tax Map No. 094.-20-02.0) and consist of two parcels totaling approximately 0.862 acres (0.126 and 0.736 acres, respectively). These parcels consist of a small park and a fenced in asphalt parking lot. The asphalt parking area is currently used for parking and construction trailers for the active construction project.

The Site is currently under redevelopment as a JMA Wireless 5G manufacturing facility with office space designated within the southern portion of the building and high-tech light manufacturing within the northern portion of the building.

Most of the Site has been previously investigated and characterized in the Remedial Investigation Report submitted in January 2019 and approved by the NYSDEC in March 2019 (CHA, January 2019). This report focuses on the 0.65 acres added to the BCA and the investigations directly within the 0.65 acres of the South Clinton Street roadway.

2.2 SITE HISTORY

The 140 Cortland Avenue property was historically utilized as an industrial laundering facility since the mid-1930s under various entities of Coyne Textile Services. Coyne Textile Services filed for bankruptcy and ceased operations in late 2015.

Dry-cleaning activities using tetrachloroethylene (PCE) and Stoddard solvent (a petroleum mixture made from distilled alkanes, cycloalkanes (naphthenes) and aromatic compounds) were conducted at the property until 2000. These dry-cleaning liquids were noted to be stored in aboveground storage tanks (ASTs). Additionally, three underground storage tanks (USTs) were located beneath the dry-cleaning room floor (containing Stoddard solvent) and the boiler room at 140 Cortland Avenue. A gasoline filling station was present in the southern portion of the Site in the 1980s.

The former employee parking lot and park located east of the former laundering facility was owned by Coyne Textile Services from 1989 to 2016. Prior to Coyne Textile Services, previous Site uses included bus storage and repairs, the Syracuse Streetcar Barn, retail stores, and a gasoline filling station (circa 1950-1970).

Based upon historical Site use and findings during a Phase I Environmental Site Assessment (ESA), conducted by GZA in 2014, multiple investigations were conducted to determine the extent of contamination. As reported in the RI Report (CHA, January 2019), four primary areas of concern (AOCs) were identified. The four AOCs are defined as: (1) the Former UST Area (Source Area); (2) Site-wide groundwater; (3) Office vapor; and (4) Warehouse vapor.

In June 2018, an IRM was implemented to address the Former UST Area. This work is documented in the NYSDEC-approved Source Removal Construction Completion Report (CCR) (CHA, October 2019). Generally, the IRM included the removal of three USTs and excavation of contaminated soil to the perimeter of the room within the original building footprint. Confirmation sampling identified additional contaminated soil in exceedance of Part 375 Commercial Use Soil Cleanup Objectives (SCOs). However, in order to prevent undermining of the building foundation, excavation did not continue until redevelopment of the Site began in 2020.

The remaining AOCs were addressed in 2020 during the remedial design construction or are currently being addressed during the redevelopment of the Site. The Remedial Design Report (RD Report) approved by the NYSDEC (CHA, July 2020) addresses the source area and site-wide groundwater AOCs in three treatment zones (TZ). The TZs and a brief description of their remedial action are described below:

- TZ-1: A suspect petroleum tank and associated contaminated soil was excavated and disposed off site. A demarcation barrier was placed, and the excavation was backfilled with #4 clean stone and #2 crushed stone to facilitate redevelopment of the Site.
- TZ-2: Remaining soil contamination in the source area was addressed with zero-valent iron slurry application to a maximum depth of 26 feet below ground surface. The surface soils to

a depth of 9 feet below ground surface (ft bgs) were amended with cement slurry to facilitate redevelopment on this portion of the Site. This TZ also addressed the remaining contamination that could not be accessed during the IRM work previously described.

- TZ-3: Groundwater impacts within the plume of groundwater contamination were addressed using sodium permanganate chemical oxidation of the contamination in a groundwater recirculation treatment program.

In order to address the soil vapor intrusion concerns an active sub-slab depressurization system is being installed during redevelopment. At the time of this report, all sub-slab piping and a vapor barrier have been installed. Fans, control equipment, and sub-slab vapor sampling points will be installed prior to occupancy of the building.

Generally, remedial construction was completed in conformance with the RD Report and will be fully detailed in the Final Engineering Report (FER) to be completed and submitted to the NYSDEC for approval when the sub-slab depressurization system is complete. Additionally, a Site Management Plan (SMP) is being developed for the Site.

2.3 DESCRIPTION OF SURROUNDING PROPERTIES

The area surrounding the Site consists of active construction zones on previously vacant commercial land or former manufacturing facilities, commercial properties, and residential properties in an urban environment. The table below provides details on the surrounding property uses adjacent to the Site.

Surrounding Properties	
North	Vacant land currently leased as construction staging area for the JMA Wireless 5G manufacturing facility
South	Tallman Street, CENTRO Regional Transit Authority offices and bus garage
East	S. Salina Street, Vacant land under the State Superfund Program as Site C734120 and owned by the Syracuse Industrial Development Agency
West	Active construction of a parking lot and greenspace for the JMA Wireless 5G Manufacturing Facility, Current location of the Catholic Charities Men's Shelter

3.0 REMEDIAL INVESTIGATION METHODS

The Site was investigated in accordance with NYSDEC requirements of the DER-10. This section presents a description of the investigation methodologies of the investigation conducted by CHA in December 2020.

3.1 SUBSURFACE SOIL

To characterize the subsurface conditions, CHA retained NYEG Drilling, LLC of Brewerton, New York (NYEG) to advance 13 soil borings to facilitate the collection of soil samples within the South Clinton Street roadway. The soil borings were advanced using hydraulic push (Geoprobe®) drilling techniques and were continuously screened with a photoionization detector (PID) for the presence of volatile organic vapors.

A CHA environmental engineer oversaw drilling activities. The soil borings were advanced to a maximum depth of 25 ft bgs. The locations of these soil borings are shown on the Sample Location Map included as Figure 2. At several locations, soil stratigraphy was not recorded to advance the pace of investigation. Rather, a delineation log was used to record evidence of contamination including PID readings and other field observations. The soil boring logs and a subsurface delineation log summarizing the subsurface conditions encountered, PID readings, and other field observations and are included in Appendix C.

One representative soil sample from 8 of the 13 soil borings was selected from the horizon exhibiting the highest probability for possible contamination, typically above the groundwater table, unless evidence of contamination such as staining or elevated PID readings were observed. Soil samples were submitted to Alpha Analytical, Inc. located in Westborough, Massachusetts (Laboratory Certification Number 11148) for the following laboratory analysis:

- Volatile organic compounds (VOCs) via Environmental Protection Agency (EPA) Method 5035/8260;
- Semivolatile organic compounds (SVOCs) via EPA Method 8270;
- Polychlorinated biphenyls (PCBs) via EPA Method 8082A; and,
- Resource Conservation and Recovery Act (RCRA) 8 Metals via EPA Method 6010 and 7470.

CHA selected two of the soil samples for analysis of emerging contaminants based on the *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances* document released by the NYSDEC in October 2020. These samples were analyzed for:

- Per- and Polyfluoroalkyl Substances (PFAS) via EPA Method 537.1; and,
- 1,4-Dioxane via EPA Method 5035.

Pesticides and herbicides were not sampled during this RI because only subsurface soil contamination was of concern. The South Clinton Street roadway is paved and does not include grassed areas therefore no surface soil samples were collected. Pesticides and herbicides are generally identified in surface soil samples in areas where vegetation is managed for landscaping or agriculture.

The following table provides the laboratory analysis conducted on respective soil samples.

Soil Boring ID	Sample Depth (ft. bgs)	Laboratory Analysis
SB-100	12-14	VOCs, SVOCs, PCBs, RCRA 8 Metals
SB-101	Not Sampled	
SB-102	Not Sampled	
SB-111	11-13	VOCs, SVOCs, PCBs, RCRA 8 Metals
SB-112	Not Sampled	
SB-121	13-15	VOCs, SVOCs, PCBs, RCRA 8 Metals
SB-123	Not Sampled	
SB-124		VOCs, SVOCs, PCBs, RCRA 8 Metals
SB-125	10-12	
SB-126	15-18	VOCs, SVOCs, PCBs, RCRA 8 Metals, PFAS and 1,4-Dioxane
SB-127	Not Sampled – limited recovery (i.e. soil remaining in the macrocore was not sufficient for an adequate sample). PID readings were 5.0 ppm	
SB-128	15-17	VOCs, SVOCs, PCBs, RCRA 8 Metals
SB-129	9-10	

All non-disposable, down-hole equipment (e.g. MacroCore® sampler) was decontaminated with a detergent and potable water rinse between sampling locations to reduce the potential for possible cross-contamination. Upon completion of the investigation, soil borings were backfilled with excess soil generated from the boring operations. In instances of identified contamination, bentonite chips

were placed in the hole before backfilling with excess soil to create a sealed plug at the bottom of the borehole.

All soil samples were placed directly into laboratory-supplied containers, which were labeled with the project name, sample identification, date, time, sampler's initials, and applicable laboratory analyses. Samples were submitted to Alpha Analytical, Inc. (Alpha) under proper chain-of-custody protocols. A summary of the soil sample results is included in Table 1, and the results are discussed in Section 4 of this report.

3.2 GROUNDWATER

NYEG converted two soil borings (SB-101 and SB-112) into a temporary monitoring wells (TMW-101 and TMW-112) to facilitate the collection of groundwater samples for laboratory analysis. The location of these wells was chosen based on the presumed direction of groundwater flow and in locations where impacts from petroleum or chlorinated VOCs (CVOCs) were likely present based on downgradient proximity to known or identified contamination. The monitoring wells were constructed with one-inch diameter polyvinyl chloride (PVC) riser pipe and well screen. The well screen had a slot opening size of 0.010-inches and the screen was inserted directly into the open bore hole. CHA collected one groundwater sample from each well using a disposable PVC bailer. The installation of temporary wells and the use of bailers to collect the groundwater samples resulted in samples with elevated levels of turbidity. As discussed later, this condition often impacts the results of metals analyses.

Additionally, CHA sampled three permanent groundwater monitoring wells installed by GZA in August 2015. The GZA wells were installed as cluster wells that include shallow, intermediate, and deep screened intervals for facilitating groundwater sampling at different vertical intervals within the overburden aquifer. CHA sampled the shallow interval within these three monitoring wells (wells MW-5A, MW-6A, and MW-7A). The three wells are located within a strip of grass between the concrete curbing and sidewalk located along the west side of South Clinton Street and are identified on Figure 2.

One groundwater sample from each of the three permanent wells and the two temporary monitoring wells were submitted to Alpha for laboratory analysis of:

- VOCs via EPA Method 8260;
- SVOCs via EPA Method 8270;
- PCBs via EPA Method 8082A; and,

- RCRA 8 Metals via EPA Methods 6010 and 7470.

Additionally, CHA selected one of the wells (MW-6A) to analyze for emerging contaminants. These samples were analyzed for:

- PFAS via EPA Method 537.1; and,
- 1,4-Dioxane via EPA Method 8260.

The water samples were placed directly into laboratory supplied containers and submitted to the laboratory under proper chain-of-custody protocols. A summary of the groundwater sample results is included in Table 2, and the results are discussed in Section 4 of this report.

3.3 SOIL VAPOR

Soil vapor sampling and analysis was not conducted as part of this RI because no buildings or other permanently occupied structures exist on the South Clinton Street roadway. Upon redevelopment, the South Clinton Street roadway will be maintained as a sidewalk, asphalt road, and greenspace. If future development changes the use of this portion of the Site to include occupied buildings, the development shall comply with the requirements of the Site Management Plan which include soil vapor assessment.

Additionally, neighboring properties to the west, such as the Former Syracuse Stamp and Catholic Charities of Onondaga County (CCOC) have been purchased by JMA Tech Properties, LLC with the intent of demolishing all buildings for use as part of the campus. Currently the Former Syracuse Stamp building has been demolished and the CCOC are in negotiations with another property owner to move the facility by Spring 2022. Similar to that of the roadway, no additional soil vapor testing has been conducted because no buildings or other permanently occupied structures will exist on these properties. If future development changes the use of any of these properties, a soil vapor assessment will be completed.

Lastly, the manufacturing building to the east (Former Coyne Textile C734144A), which is part of the BCP will include an active sub-slab depressurization system to mitigate soil vapors.

4.0 REMEDIAL INVESTIGATION RESULTS

This section presents the results of the December 2020 investigation (Appendix B). Additionally, results from an investigation in this area, conducted by GZA in 2015 are summarized. The complete

investigation is detailed further in the Off-Site Environmental Characterization Report prepared by GZA (Appendix A).

Laboratory reports applicable to this SRIR are provided in Appendix D.

4.1 SITE STRATIGRAPHY

Soils beneath South Clinton Street property primarily consist of fill material to a depth of approximately six to eight ft bgs, depending on the location. The fill material generally consists of gravel subbase material, fine to coarse sands and fine gravels, and intermittent layers of silty clay beneath approximately 0.2 feet of asphalt. Fill material included gray, black, and brown intervals, was mostly compact, and intermittently contained brick fragments, pieces of glass, and traces of wood. Beneath the fill material was typically a silty clay layer ranging in thickness from four to six feet, followed by gray sands with intermittent layers of silty clays to the end of each boring.

4.2 SITE HYDROLOGY

Wet or saturated soil was identified in the borings between 13 and 15 ft bgs across the site. Depth to groundwater in the temporary wells was typically recorded between 8.5 and 10 ft bgs. A survey of the wells was not prepared during this subsurface investigation because only temporary groundwater wells were installed. However, based on proximity to Onondaga Creek, the direction of groundwater flow can be approximated to be toward the west. Additionally, based upon historical water levels measured in permanent monitoring wells installed on the Former Coyne Textile BCP site, the groundwater flow direction has been identified as to the west.

4.3 SUBSURFACE SOIL RESULTS

Soil results are presented in Table 1 and were compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 – Soil Cleanup Objectives (SCO) for Unrestricted Use sites. Parameters exceeding their respective Unrestricted Use SCO are shaded blue.

As shown in Table 1, there were multiple VOCs and metals detected at concentrations exceeding the Unrestricted Use SCO in three of the soil samples collected on South Clinton Street. Figure 2 visually represents the location of each soil boring and the compounds that exceed their respective Unrestricted Use SCOs.

In summary:

General:

- None of the compounds analyzed for were detected above the applicable Unrestricted Use SCOs in soil samples SOIL-SB-100, SOIL-SB-121, SOIL-SB-124, SOIL-SB-125, and SOIL-SB-128.

VOCs:

- Compounds associated with chlorinated VOC and more specifically site contaminants of concern, including PCE, trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE) were detected at concentrations exceeding the Unrestricted Use SCO in sample SOIL-SB-126 at 4.3ppm, 0.65 ppm, and 8.9 ppm, respectively.

- Acetone was detected at varying concentrations across the site and exceeded the Unrestricted SCO in samples SOIL-SB-111 and SOIL-SB-129 but is likely not a contaminant of concern at the site since acetone is a common laboratory contaminant.

SVOCs:

- SVOCs were not detected in the soil samples.

PCBs:

- PCBs were not detected in the soil samples.

Metals:

- Detections of metals exceeding the Unrestricted Use SCO were identified in samples SOIL-SB-111, SOIL-SB-126, and SOIL-SB-129. Compounds detected include lead and mercury.

Emerging Contaminants:

- The emerging contaminants PFAS compounds and 1,4-Dioxane were sampled from two of the soil boring locations, SB-124 and SB-126. 1,4-Dioxane was not detected in the soil samples. One PFAS compound, perfluorooctanesulfonic acid (PFOS), was detected in soil sample SOIL-SB-126 at a concentration of 0.000923 ppm, which is slightly above the Unrestricted Use criteria provided in the October 2020 guidance.

The compounds detected in exceedance of their Unrestricted Use SCO are primarily directly downgradient of the chlorinated solvent and petroleum contamination identified in the RI Report (CHA, January 2019) which was addressed during the remedial construction.

Soil boring SB-126 is located directly downgradient of contamination identified on the Former Coyne Textile Facility BCP, specifically an area referred to as TZ-2 where CVOC contamination was known to exist. Analytical results for the soil sample SB-126 suggest CVOC contamination has migrated onto the South Clinton Street roadway. Parameters detected in soil samples collected from adjacent soil borings did not exceed the Unrestricted SCOs. It is likely historical contamination has naturally degraded to levels not exceeding their respective Unrestricted Use SCOs, which may explain the analytical results. Additionally, CVOCs are denser than water and tend to sink toward the bottom of the aquifer until meeting a confining layer. Therefore, it is anticipated the horizontally downgradient impact from the Former Coyne Textile Facility may have lesser impacts on soil compared to groundwater.

4.4 GROUNDWATER RESULTS

Groundwater results are presented in Table 2 and were compared to the Technical Operations and Guidance Standard 1.1.1 (TOGS 1.1.1) Ambient Water Quality Standards for Class GA waters. In accordance with standard operating procedures, one trip blank was submitted for analysis of VOCs only. Additionally, one field blank (although pre-labelled as a trip blank by Alpha Analytical, Inc.) was submitted for analysis of PFAS.

As shown in Table 2, there were multiple VOCs, SVOCs, and metals detected in the groundwater samples collected. Figure 2 visually represents the location of each groundwater sample and the VOC, SVOC, and metal compounds, respectively, that were detected at concentrations in exceedance of their respective TOGS 1.1.1. standard or guidance value.

As previously mentioned, CHA also sampled three permanent monitoring wells installed by GZA in 2014. Based on review of the historical data, CHA sampled the well interval most significantly impacted, which was the shallow well at all three locations. During purging and sampling of wells MW-5A, MW-6A, and MW-7A there was no field evidence of contamination such as free product, sheen, or odor. CHA also purged a small amount of groundwater from the intermediate and deep monitoring wells at the MW-6 cluster and found no visual or olfactory evidence of contamination.

In summary:

VOCs:

- Two or more CVOCs including site contaminants of concern PCE (0.92 to 160 ppb), TCE (2.7 to 96 ppb), cis-1,2-DCE (22 to 2,200 ppb), trans-1,2-DCE (0.7 to 130 ppb), 1,1-DCE

(1.3 to 8.2 ppb) and vinyl chloride (1.2 to 2,000 ppb) were detected at concentrations exceeding TOGS 1.1.1 in groundwater samples MW-5A, MW-6A, MW-7A and TMW-112.

- Bromomethane was detected in groundwater samples MW-6A, MW-7A, and TMW-112.
- Benzene was detected in groundwater sample TMW-101. Benzene is typically associated with petroleum contamination.

SVOCs:

- The SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd) pyrene were detected at concentrations exceeding TOGS 1.1.1 in groundwater samples MW-5A, TWM-101 AND tmw-112. These compounds are PAHs and are generally associated with petroleum products.

PCBs:

- PCBs were not detected in exceedance of applicable TOGS 1.1.1 groundwater standards in the monitoring wells sampled.

Metals:

- Multiple metals were detected in groundwater samples from across the Site. Arsenic, barium, cadmium, and selenium were detected at concentrations exceeding TOGS 1.1.1 in at least one of the seven wells sampled. Lead was more widespread and detected at concentrations exceeding TOGS 1.1.1 in samples MW-5A and MW-7A. However, the levels detected are typical for soils sampled in an urban setting.

Emerging Contaminants

- The emerging contaminants PFAS and 1,4-Dioxane were sampled at monitoring well MW-6A. PFAS compounds were not detected. At the time of this report, state guidance criteria for evaluating 1,4-Dioxane in groundwater is not available so the detections are compared to the drinking water maximum contaminant level of 1 microgram per liter (µg/L). 1,4-Dioxane was detected in well MW-6A at a concentration exceeding the drinking water standard.

Notably, CVOCs were detected in monitoring wells directly downgradient of contamination identified on the Former Coyne Textile Facility property. The permanent monitoring wells installed by GZA were found to have generally lower detections of CVOCs in 2020, with one exception, compared to the samples collected by GZA and presented in the August 2015 Off-Site Environmental Characterization Report. The exception being vinyl chloride in monitoring well MW-7A which was 500 µg/L in August 2015 compared to 900 µg/L in December 2020. This increase in vinyl chloride is likely an indication of the continued breakdown of PCE contamination to its

daughter products, particularly since other chlorinated compounds such as TCE and 1,2-DCE also remain above the applicable groundwater standards. Historical CVOC sample results from GZA's August 2015 report for monitoring wells MW-5A, MW-6A and MW-7A are included on Figure 2 for comparison purposes. Analytical results for all groundwater samples from 2015 and 2020 are included on Table 2.

Detections of SVOCs and metals in the groundwater samples were relatively consistent across the Site and no on-site sources of these contaminants was identified. Typically, the SVOC detections were associated with petroleum compounds and are likely indicative of historical contamination and/or urban fill. CHA notes that metals tend to adsorb to soil particles. The groundwater samples collected from the temporary wells were turbid at the time of collection which is likely contributes to the increased concentrations of metals detected in the groundwater samples.

5.0 DATA USABILITY

5.1 QUALITY ASSURANCE/QUALITY CONTROL SAMPLES

Quality assurance/quality control (QA/QC) samples were collected and analyzed to determine the reliability of the data and to support the required third-party data usability evaluation. Site specific QA/QC samples included duplicates, trip blanks, and matrix spike (MS)/matrix spike duplicate (MSD) samples. These samples were collected at a frequency of 1 per 20 samples for each environmental media.

5.1.1 Duplicate Samples

A blind duplicate sample is designed to measure the precision of the laboratory. One subsurface soil and one groundwater blind duplicate samples were submitted to the laboratory and analyzed for the parameters matching the soil or groundwater analysis associated with that boring or monitoring well.

5.1.2 Equipment Blank Samples

An equipment blank is designed to measure the effectiveness of the decontamination of field equipment. All sampling was completed with dedicated equipment, therefore no equipment blank was collected.

5.1.3 Matrix Spike/Matrix Spike Duplicate Samples

A MS/MSD sample is used by the laboratory to check the accuracy of their instruments. One subsurface soil and one groundwater MS/MSD samples were submitted to the laboratory and analyzes for the parameters matching the soil or groundwater analysis associated with that boring or monitoring well. The results are compared to the routine sample, with the difference being the amount of analyte spiked into the MS/MSD samples, within a margin of error.

5.1.4 DUSR Results

Data validation was performed by Alpha GeoScience on the data collected as part of this investigation. A Data Usability Summary Report (DUSR) was provided and is included as Appendix E. In summary, data was typically acceptable except for the results from TMW-01 for bromomethane, 3,3-dichlorobenzidine, and 2,4-dimethylphenol which were rejected.

6.0 QUALITATIVE EXPOSURE ASSESSMENT

6.1 POTENTIAL HUMAN HEALTH RISKS

According to the soil and groundwater data collected during this investigation, the following table summarizes the qualitative exposure assessment:

Environmental Media & Exposure Route	Human Exposure Assessment
Direct contact with surface soils (and incidental ingestion)	1. Surface soils were not investigated at this Site due to existing cover systems in place, asphalt and concrete. Based on Site redevelopment plans, the surface cover systems will be replaced with engineers cover systems including, but not limited to, asphalt, concrete, and topsoil. 2. Contaminants from surface soils will not be released by any transport mechanism because of the cover systems preventing exposure. 3. People will not come into contact with surface soils because surface soils are covered with engineered cover systems including, but not limited to, concrete, asphalt, and topsoil cover systems. People may come into contact with surface soils if they complete ground-intrusive activities at the Site. 4. If the above work occurs and workers are exposed to surface soils, potential routes of exposure include ingestion, inhalation, and

	absorption. 5. Sensitive populations may be workers at the Site during redevelopment activities and workers conducting intrusive activities after redevelopment is complete.
Direct contact with subsurface soils (and incidental ingestion)	1. Subsurface soils were found to be impacted by VOC, SVOC, and metal contamination. Based on Site redevelopment plans, the surface cover systems will be replaced with engineers cover systems including, but not limited to, asphalt, concrete, and topsoil. 2. Contaminants from subsurface soils will not be released by any transport mechanism because of the cover systems preventing exposure. 3. People will not come into contact with subsurface soils because subsurface soils are covered with engineered cover systems including, but not limited to, concrete, asphalt, and topsoil cover systems. People may come into contact with surface soils if they complete ground-intrusive activities at the Site. 4. If the above work occurs and workers are exposed to subsurface soils, potential routes of exposure include ingestion, inhalation, and absorption. 5. Sensitive populations may be workers at the Site during redevelopment activities and workers conducting intrusive activities after redevelopment is complete.
Ingestion of Groundwater	1. Site groundwater was found to be impacted by VOC, SVOC, and metal contamination. 2. Contaminants found in groundwater will not be released by any transport mechanism because the Site and adjacent properties are serviced by the public water supply. 3. People will not come into contact with Site groundwater because the Site and adjacent properties are serviced by the public water supply. 4. There are no anticipated routes of exposure for exposure to Site groundwater. 5. There are no receptor populations who may be exposed to Site groundwater.
Direct contact with groundwater	1. Site groundwater was found to be impacted by VOC, SVOC, and metal contamination. 2. Contaminants found in groundwater will not be released by any transport mechanism because the

	Site and adjacent properties are serviced by the public water supply. 3. People will not come into contact with Site groundwater because the Site and adjacent properties are serviced by the public water supply. 4. There are no anticipated routes of exposure for exposure to Site groundwater. 5. There are no receptor populations who may be exposed to Site groundwater.
Inhalation of air (exposures related to soil vapor intrusion)	1. Soil vapor is anticipated to be impacted in the location of elevated VOC contaminants identified in soil and groundwater. At this time, there are no enclosure structures on the Site and no proposed enclosed structures during redevelopment. 2. There is no transport mechanism identified for soil vapor due to the engineered cover systems installed during redevelopment and the lack of occupied, enclosed buildings on the Site. If, upon future redevelopment, an enclosed building is proposed on the Site, the transport mechanism would be intrusion of soil vapors into the building from beneath the slab. At that time, additional soil vapor sample and installation of a sub-slab depressurization system would be recommended. 3. People will not come into contact with soil vapors because there are no enclosed buildings on the Site. 4. There are no routes of exposure identified because people will not be in contact with soil vapor at this time. If, upon future redevelopment, an enclosed structure is proposed on the Site, the route of exposure would be inhalation. 5. There are no receptor populations who may be exposed to Site soil vapor.

6.2 POTENTIAL IMPACTS TO ENVIRONMENTAL RESOURCES

The Site is located within a commercial and industrial area in the City of Syracuse, therefore actual or potential adverse impacts to environmental resources likely exist. Onondaga Creek, a tributary to Onondaga Lake, is located approximately 0.2 miles from the Site, and is considered a Class C water body suitable for fish, shellfish and wildlife propagation and survival. Class C waters are suitable for primary and secondary recreation, but the urban environment and channelized stream precludes recreational use of Onondaga Creek in the City of Syracuse. The potential for contaminated groundwater to impact Onondaga Creek exists. Local groundwater is considered Class GA but is not

used for human or animal consumption. Contamination from this Site is not anticipated to impact drinking water quality.

7.0 CONCLUSIONS/RECOMMENDATIONS

7.1 CONCLUSIONS

Based on the results of the investigation, CHA has concluded the following:

- CVOC contamination in exceedance of Unrestricted Use SCOs was detected in soil sample SOIL-SB-126 which is directly downgradient of the contamination identified on the Former Coyne Textile Facility BCP (specifically Treatment Zone 2 that was remediated in October 2020). The adjacent soil samples did not exceed Unrestricted Use SCOs for CVOCs, so this location is likely residual impacts from the upgradient source and not considered a "hot spot" necessitating direct remediation.
- The CVOCs observed in the groundwater samples from MW-5A, MW-6A, MW-7A, TMW-101, TMW-112 are likely impacts from the migration of contamination of the source area and plume on the Former Coyne Textile Facility property.
- The exposure to Site media is limited due to the Site being primarily covered with paved asphalt roadway and the presence of municipal water and sewer at and in the vicinity of the Site. Redevelopment of the Site maintains this area as sidewalks, pavement, and limited vegetated areas. Buildings are not proposed on this portion of the Site at this time.

7.2 RECOMMENDATIONS

CHA has previously conducted an RAA for the Site, less the 0.65 acres within South Clinton Street. Based on the results of this investigation, CHA recommends providing supplemental information to the AAR and Decision Document in the form of letter which addresses groundwater impacts at this portion of the Site. The letter will be provided to the regulatory authorities within two weeks of acceptance of this RI Report.

REFERENCES

GZA, *Phase I Environmental Site Assessment*, October 2014

GZA, *Off-Site Environmental Characterization Report*, August 2015

CHA, *Remedial Investigation Report*, January 2019

CHA, *Remedial Alternatives Analysis*, March 2020

CHA, *Remedial Design Work Plan*, July 2020

TABLES

Table 1.
Soil Sample Results
Detections Only
Remedial Investigation - South Clinton Street

		LOCATION	SOIL-SB-100		SOIL-SB-111	
		SAMPLING DATE	12/7/2020		12/8/2020	
		SAMPLE DEPTH (ft. bgs)	12 - 14		11 - 13	
	NY-UNRES	Units	Results	Qual	Results	Qual
General Chemistry						
Solids, Total		%	74.4		56.2	
Volatile Organics by EPA 5035						
1,2-Dichlorobenzene	1.1	mg/kg	0.0028	U	0.0034	U
1,2-Dichloroethane	0.02	mg/kg	0.0014	U	0.0017	U
2-Butanone	0.12	mg/kg	0.0082	J	0.046	
Acetone	0.05	mg/kg	0.042		0.17	
Benzene	0.06	mg/kg	0.0007	U	0.00084	U
Bromomethane		mg/kg	0.0028	U	0.0034	U
Carbon disulfide		mg/kg	0.014	U	0.017	U
Chlorobenzene	1.1	mg/kg	0.0007	U	0.00084	U
Chloroform	0.37	mg/kg	0.0021	U	0.0025	U
cis-1,2-Dichloroethene	0.25	mg/kg	0.0014	U	0.0017	U
Cyclohexane		mg/kg	0.014	U	0.0087	J
Ethylbenzene	1	mg/kg	0.0014	U	0.0017	U
Isopropylbenzene		mg/kg	0.0014	U	0.0027	
Methyl Acetate		mg/kg	0.0056	U	0.0068	U
Methyl cyclohexane		mg/kg	0.0056	U	0.02	
Methylene chloride	0.05	mg/kg	0.007	U	0.0084	U
o-Xylene		mg/kg	0.0014	U	0.0017	U
p/m-Xylene		mg/kg	0.0028	U	0.0034	U
Total Xylenes	0.26	mg/kg	0.0042	U	0.0051	U
Styrene		mg/kg	0.0014	U	0.0017	U
Tetrachloroethene	1.3	mg/kg	0.0007	U	0.00084	U
Toluene	0.7	mg/kg	0.0014	U	0.0017	U
trans-1,2-Dichloroethene	0.19	mg/kg	0.0021	U	0.0025	U
Trichloroethene	0.47	mg/kg	0.0007	U	0.00084	U
Vinyl chloride	0.02	mg/kg	0.0014	U	0.0017	U
Semivolatile Organics by GC/MS						
2,4-Dimethylphenol		mg/kg	0.22	U	0.29	U
2-Methylnaphthalene		mg/kg	0.26	U	0.069	J
2-Methylphenol	0.33	mg/kg	0.22	U	0.29	U
3-Methylphenol/4-Methylphenol	0.33	mg/kg	0.31	U	0.045	J
Acenaphthene	20	mg/kg	0.17	U	0.056	J
Acenaphthylene	100	mg/kg	0.17	U	0.23	U
Anthracene	100	mg/kg	0.13	U	0.056	J
Benzo(a)anthracene	1	mg/kg	0.13	U	0.059	J
Benzo(a)pyrene	1	mg/kg	0.17	U	0.09	J
Benzo(b)fluoranthene	1	mg/kg	0.13	U	0.089	J
Benzo(ghi)perylene	100	mg/kg	0.17	U	0.058	J
Benzo(k)fluoranthene	0.8	mg/kg	0.13	U	0.17	U
Biphenyl		mg/kg	0.5	U	0.66	U
Carbazole		mg/kg	0.22	U	0.29	U
Chrysene	1	mg/kg	0.13	U	0.065	J
Dibenzo(a,h)anthracene	0.33	mg/kg	0.13	U	0.17	U
Dibenzofuran	7	mg/kg	0.22	U	0.082	J
Fluoranthene	100	mg/kg	0.13	U	0.096	J
Fluorene	30	mg/kg	0.22	U	0.17	J
Indeno(1,2,3-cd)pyrene	0.5	mg/kg	0.17	U	0.061	J
Naphthalene	12	mg/kg	0.22	U	0.079	J
Phenanthrene	100	mg/kg	0.13	U	0.048	J
Phenol	0.33	mg/kg	0.22	U	0.29	U
Pyrene	100	mg/kg	0.13	U	0.14	J
Total Metals						
Arsenic, Total	13	mg/kg	2.5		7.32	
Barium, Total	350	mg/kg	45.2		101	
Cadmium, Total	2.5	mg/kg	0.286	J	0.776	
Chromium, Total		mg/kg	9.42		18.6	
Lead, Total	63	mg/kg	5.64		419	
Mercury, Total	0.18	mg/kg	0.084	U	0.664	
Selenium, Total	3.9	mg/kg	1.06	U	1.11	J
Silver, Total	2	mg/kg	0.53	U	0.384	J
Perfluorinated Alkyl Acids by Isotope Dilution						
Perfluorooctanesulfonic Acid (PFOS) [1]	0.00088	mg/kg	-	-	-	-
PFOA/PFOS, Total		mg/kg	-	-	-	-
Polychlorinated Biphenyls by GC						
No Detections						

Table 1.
Soil Sample Results
Detections Only
Remedial Investigation - South Clinton Street

		LOCATION	SOIL-SB-121		SOIL-SB-124		SOIL-SB-125	
		SAMPLING DATE	12/9/2020		12/9/2020		12/10/2020	
		SAMPLE DEPTH (ft. bgs)	13 - 15		17 - 20		10 - 12	
	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual
General Chemistry								
Solids, Total		%	77.3		85.9		74	
Volatile Organics by EPA 5035								
1,2-Dichlorobenzene	1.1	mg/kg	0.0024	U	0.00039	J	0.0027	U
1,2-Dichloroethane	0.02	mg/kg	0.0012	U	0.00091	U	0.0013	U
2-Butanone	0.12	mg/kg	0.0096	J	0.0091	U	0.0049	J
Acetone	0.05	mg/kg	0.046		0.0046	J	0.032	
Benzene	0.06	mg/kg	0.00061	U	0.00038	J	0.00067	U
Bromomethane		mg/kg	0.0024	U	0.0018	U	0.0027	U
Carbon disulfide		mg/kg	0.012	U	0.0073	J	0.013	U
Chlorobenzene	1.1	mg/kg	0.00061	U	0.00097		0.00067	U
Chloroform	0.37	mg/kg	0.0018	U	0.0014	U	0.002	U
cis-1,2-Dichloroethene	0.25	mg/kg	0.00025	J	0.00025	J	0.0013	U
Cyclohexane		mg/kg	0.012	U	0.0091	U	0.013	U
Ethylbenzene	1	mg/kg	0.0012	U	0.00091	U	0.0013	U
Isopropylbenzene		mg/kg	0.0058		0.00091	U	0.00016	J
Methyl Acetate		mg/kg	0.0049	U	0.0013	J	0.0054	U
Methyl cyclohexane		mg/kg	0.0023	J	0.0036	U	0.0054	U
Methylene chloride	0.05	mg/kg	0.0061	U	0.0045	U	0.0067	U
o-Xylene		mg/kg	0.0012	U	0.00091	U	0.0013	U
p/m-Xylene		mg/kg	0.0024	U	0.0018	U	0.0027	U
Total Xylenes	0.26	mg/kg	0.0036	U	0.00271	U	0.004	U
Styrene		mg/kg	0.0012	U	0.00091	U	0.0013	U
Tetrachloroethene	1.3	mg/kg	0.00061	U	0.00018	J	0.00043	J
Toluene	0.7	mg/kg	0.0012	U	0.00091	U	0.0013	U
trans-1,2-Dichloroethene	0.19	mg/kg	0.0018	U	0.0014	U	0.002	U
Trichloroethene	0.47	mg/kg	0.00061	U	0.00045	U	0.00067	U
Vinyl chloride	0.02	mg/kg	0.0012	U	0.00082	J	0.0013	U
Semivolatile Organics by GC/MS								
2,4-Dimethylphenol		mg/kg	0.21	U	0.19	U	0.22	U
2-Methylnaphthalene		mg/kg	0.17	J	0.23	U	0.27	U
2-Methylphenol	0.33	mg/kg	0.21	U	0.19	U	0.22	U
3-Methylphenol/4-Methylphenol	0.33	mg/kg	0.31	U	0.27	U	0.32	U
Acenaphthene	20	mg/kg	0.17	U	0.15	U	0.18	U
Acenaphthylene	100	mg/kg	0.17	U	0.15	U	0.18	U
Anthracene	100	mg/kg	0.13	U	0.11	U	0.13	U
Benzo(a)anthracene	1	mg/kg	0.13	U	0.11	U	0.13	U
Benzo(a)pyrene	1	mg/kg	0.17	U	0.15	U	0.18	U
Benzo(b)fluoranthene	1	mg/kg	0.13	U	0.11	U	0.13	U
Benzo(ghi)perylene	100	mg/kg	0.17	U	0.15	U	0.18	U
Benzo(k)fluoranthene	0.8	mg/kg	0.13	U	0.11	U	0.13	U
Biphenyl		mg/kg	0.48	U	0.43	U	0.51	U
Carbazole		mg/kg	0.21	U	0.19	U	0.22	U
Chrysene	1	mg/kg	0.13	U	0.11	U	0.13	U
Dibenzo(a,h)anthracene	0.33	mg/kg	0.13	U	0.11	U	0.13	U
Dibenzofuran	7	mg/kg	0.21	U	0.19	U	0.22	U
Fluoranthene	100	mg/kg	0.13	U	0.11	U	0.13	U
Fluorene	30	mg/kg	0.21	U	0.19	U	0.22	U
Indeno(1,2,3-cd)pyrene	0.5	mg/kg	0.17	U	0.15	U	0.18	U
Naphthalene	12	mg/kg	0.21	U	0.19	U	0.22	U
Phenanthrene	100	mg/kg	0.041	J	0.11	U	0.13	U
Phenol	0.33	mg/kg	0.21	U	0.19	U	0.22	U
Pyrene	100	mg/kg	0.13	U	0.11	U	0.13	U
Total Metals								
Arsenic, Total	13	mg/kg	1.27		5.24		2.62	
Barium, Total	350	mg/kg	55.6		62.4		39.6	
Cadmium, Total	2.5	mg/kg	0.284	J	0.253	J	0.301	J
Chromium, Total		mg/kg	10.5		5.36		10.2	
Lead, Total	63	mg/kg	17.2		2.45		9.68	
Mercury, Total	0.18	mg/kg	0.083	U	0.083	U	0.085	U
Selenium, Total	3.9	mg/kg	0.98	U	0.902	U	0.704	J
Silver, Total	2	mg/kg	0.49	U	0.451	U	0.51	U
Perfluorinated Alkyl Acids by Isotope Dilution								
Perfluorooctanesulfonic Acid (PFOS) [1]	0.00088	mg/kg	-	-	0.000569	U	-	-
PFOA/PFOS, Total		mg/kg	-	-	0.000569	U	-	-
Polychlorinated Biphenyls by GC								
No Detections								

Table 1.
Soil Sample Results
Detections Only
Remedial Investigation - South Clinton Street

		LOCATION	SOIL-SB-126		SOIL-SB-128		SOIL-SB-129	
		SAMPLING DATE	12/10/2020		12/10/2020		12/10/2020	
		SAMPLE DEPTH (ft. bgs)	15 - 18		15 - 17		9 - 10	
	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual
General Chemistry								
Solids, Total		%	60.7		74.4		74	
Volatile Organics by EPA 5035								
1,2-Dichlorobenzene	1.1	mg/kg	0.076	J	0.0024	U	0.0024	U
1,2-Dichloroethane	0.02	mg/kg	0.11	U	0.0012	U	0.0012	U
2-Butanone	0.12	mg/kg	1.1	U	0.0045	J	0.02	
Acetone	0.05	mg/kg	1.1	U	0.031		0.092	
Benzene	0.06	mg/kg	0.054	U	0.0016		0.0006	U
Bromomethane		mg/kg	0.21	U	0.0024	U	0.0024	U
Carbon disulfide		mg/kg	1.1	U	0.012	U	0.012	U
Chlorobenzene	1.1	mg/kg	0.054	U	0.00059	U	0.0006	U
Chloroform	0.37	mg/kg	0.16	U	0.0018	U	0.0018	U
cis-1,2-Dichloroethene	0.25	mg/kg	8.9		0.0003	J	0.0012	U
Cyclohexane		mg/kg	1.1	U	0.012	U	0.012	U
Ethylbenzene	1	mg/kg	0.11	U	0.0012	U	0.0012	U
Isopropylbenzene		mg/kg	0.17		0.0012	U	0.0012	U
Methyl Acetate		mg/kg	0.54		0.0047	U	0.0048	U
Methyl cyclohexane		mg/kg	0.43	U	0.0047	U	0.00084	J
Methylene chloride	0.05	mg/kg	0.54	U	0.0059	U	0.006	U
o-Xylene		mg/kg	0.11	U	0.0012	U	0.0012	U
p/m-Xylene		mg/kg	0.082	J	0.0024	U	0.0024	U
Total Xylenes	0.26	mg/kg	0.082	J	0.0036	U	0.0036	U
Styrene		mg/kg	0.11	U	0.0012	U	0.0012	U
Tetrachloroethene	1.3	mg/kg	4.3		0.0009		0.0006	U
Toluene	0.7	mg/kg	0.11	U	0.0012	U	0.0012	U
trans-1,2-Dichloroethene	0.19	mg/kg	0.16	U	0.0018	U	0.0018	U
Trichloroethene	0.47	mg/kg	0.65		0.00059	U	0.0006	U
Vinyl chloride	0.02	mg/kg	0.11	U	0.00075	J	0.0012	U
Semivolatile Organics by GC/MS								
2,4-Dimethylphenol		mg/kg	0.27	U	0.22	U	0.22	U
2-Methylnaphthalene		mg/kg	0.32	U	0.034	J	0.12	J
2-Methylphenol	0.33	mg/kg	0.27	U	0.22	U	0.22	U
3-Methylphenol/4-Methylphenol	0.33	mg/kg	0.38	U	0.24	J	0.058	J
Acenaphthene	20	mg/kg	0.21	U	0.062	J	0.025	J
Acenaphthylene	100	mg/kg	0.21	U	0.17	U	0.18	U
Anthracene	100	mg/kg	0.16	U	0.098	J	0.046	J
Benzo(a)anthracene	1	mg/kg	0.16	U	0.2		0.07	J
Benzo(a)pyrene	1	mg/kg	0.21	U	0.21		0.068	J
Benzo(b)fluoranthene	1	mg/kg	0.16	U	0.22		0.084	J
Benzo(ghi)perylene	100	mg/kg	0.21	U	0.11	J	0.031	J
Benzo(k)fluoranthene	0.8	mg/kg	0.16	U	0.066	J	0.13	U
Biphenyl		mg/kg	0.61	U	0.49	U	0.51	U
Carbazole		mg/kg	0.27	U	0.038	J	0.22	U
Chrysene	1	mg/kg	0.16	U	0.19		0.07	J
Dibenzo(a,h)anthracene	0.33	mg/kg	0.16	U	0.031	J	0.13	U
Dibenzofuran	7	mg/kg	0.27	U	0.046	J	0.032	J
Fluoranthene	100	mg/kg	0.16	U	0.44		0.14	
Fluorene	30	mg/kg	0.27	U	0.073	J	0.032	J
Indeno(1,2,3-cd)pyrene	0.5	mg/kg	0.21	U	0.11	J	0.035	J
Naphthalene	12	mg/kg	0.27	U	0.16	J	0.1	J
Phenanthrene	100	mg/kg	0.16	U	0.4		0.085	J
Phenol	0.33	mg/kg	0.27	U	0.22	U	0.22	U
Pyrene	100	mg/kg	0.16	U	0.38		0.16	
Total Metals								
Arsenic, Total	13	mg/kg	7.75		10.9		11.8	
Barium, Total	350	mg/kg	60		44.5		62.6	
Cadmium, Total	2.5	mg/kg	0.452	J	0.456	J	0.827	
Chromium, Total		mg/kg	11		12.2		18.4	
Lead, Total	63	mg/kg	92.5		33.7		646	
Mercury, Total	0.18	mg/kg	0.214		0.108		2.54	
Selenium, Total	3.9	mg/kg	1.27	U	1.01	U	0.816	J
Silver, Total	2	mg/kg	0.636	U	0.507	U	0.513	U
Perfluorinated Alkyl Acids by Isotope Dilution								
Perfluorooctanesulfonic Acid (PFOS) [1]	0.00088	mg/kg	0.000923		-	-	-	-
PFOA/PFOS, Total		mg/kg	0.000923		-	-	-	-
Polychlorinated Biphenyls by GC								
No Detections								

Notes:

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

1 - Guidance values obtained from the NYSDEC October 2020 Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS).

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

U - Not detected at the reported detection limit for the sample.

Table 2.
Groundwater Sample Results
Detections Only
Remedial Investigation - South Clinton Street

		LOCATION	MW-5A		MW-6A		MW-7A		TMW-101		TMW-112	
		SAMPLING DATE	12/11/2020		12/10/2020		12/10/2020		12/10/2020		12/10/2020	
		TOTAL DEPTH	21'		22'		20'		20'		25'	
		SCREENED INTERVAL	11'-21'		12'-22'		10'-20'		10'-20'		15'-25'	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS												
1,1-Dichloroethene	5	ug/l	0.5	U	8.2	J	5	U	0.5	U	1.3	J
Acetone	50	ug/l	5	U	100	U	50	U	5.5		25	U
Benzene	1	ug/l	0.5	U	10	U	5	U	23		0.88	J
Bromomethane	5	ug/l	2.5	U	**14**	J	7.5	J	2.5	U	6.6	J
Chloroform	7	ug/l	2.5	U	50	U	25	U	0.72	J	12	U
cis-1,2-Dichloroethene	5	ug/l	22		2200		360		3.1		540	
Cyclohexane		ug/l	10	U	200	U	100	U	10	U	50	U
Isopropylbenzene	5	ug/l	2.5	U	50	U	25	U	2.5	U	9.3	J
Methyl cyclohexane		ug/l	10	U	200	U	100	U	10	U	50	U
Tetrachloroethene	5	ug/l	160		5.8	J	5	U	5.4		0.92	J
Carbon disulfide	60	ug/l	5	U	100	U	50	U	5	U	25	U
2-Butanone	50	ug/l	5	U	100	U	50	U	5	U	25	U
trans-1,2-Dichloroethene	5	ug/l	0.7	J	130		25	U	0.92	J	6.5	J
Trichloroethene	5	ug/l	29		96		5	U	2.7		2.5	U
Vinyl chloride	2	ug/l	1.7		1000		910		1.2		680	
Semivolatile Organics by GC/MS												
Biphenyl		ug/l	2	U	2	U	2	U	2	U	2	U
Caprolactam		ug/l	10	U	10	U	15		10	U	10	U
Carbazole		ug/l	2	U	2	U	2	U	2	U	2	U
Dibenzofuran		ug/l	2	U	2	U	2	U	2	U	2	U
Semivolatile Organics by GC/MS-SIM												
2-Methylnaphthalene		ug/l	0.1	U	0.1	U	0.1	U	0.04	J	6.1	
Acenaphthene	20	ug/l	0.1	U	0.1	U	0.03	J	0.1	J	3.3	
Acenaphthylene		ug/l	0.1	U	0.1	U	0.1	U	0.1	U	1	
Anthracene	50	ug/l	0.1	U	0.1	U	0.1	U	0.06	J	0.55	
Benzo(a)anthracene	0.002	ug/l	0.05	J	0.1	U	0.1	U	0.18		0.14	
Benzo(a)pyrene	0	ug/l	0.02	J	0.1	U	0.1	U	0.16		0.11	
Benzo(b)fluoranthene	0.002	ug/l	0.04	J	0.1	U	0.1	U	0.19		0.13	
Benzo(ghi)perylene		ug/l	0.02	J	0.1	U	0.1	U	0.08	J	0.08	J
Benzo(k)fluoranthene	0.002	ug/l	0.01	J	0.1	U	0.1	U	0.07	J	0.05	J
Chrysene	0.002	ug/l	0.03	J	0.1	U	0.1	U	0.13		0.14	
Dibenzo(a,h)anthracene		ug/l	0.1	U	0.1	U	0.1	U	0.02	J	0.02	J
Fluoranthene	50	ug/l	0.07	J	0.1	U	0.1	U	0.31		0.41	
Fluorene	50	ug/l	0.1	U	0.1	U	0.02	J	0.05	J	5.3	
Indeno(1,2,3-cd)pyrene	0.002	ug/l	0.02	J	0.1	U	0.1	U	0.09	J	0.08	J
Naphthalene	10	ug/l	0.1	U	0.1	U	0.1	U	0.64		0.44	
Phenanthrene	50	ug/l	0.07	J	0.04	J	0.1	U	0.25		5	
Pyrene	50	ug/l	0.07	J	0.02	J	0.1	U	0.28		0.83	

Table 2.
Groundwater Sample Results
Detections Only
Remedial Investigation - South Clinton Street

		LOCATION	MW-5A		MW-6A		MW-7A		TMW-101		TMW-112	
		SAMPLING DATE	12/11/2020		12/10/2020		12/10/2020		12/10/2020		12/10/2020	
		TOTAL DEPTH	21'		22'		20'		20'		25'	
		SCREENED INTERVAL	11'-21'		12'-22'		10'-20'		10'-20'		15'-25'	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals												
Arsenic, Total	25	ug/l	21.44		3.86		8.62		63.36		37.3	
Barium, Total	1000	ug/l	510.4		373.2		530.2		2377		341.6	
Cadmium, Total	5	ug/l	1.94		87.76		13.98		0.43		0.2	
Chromium, Total	50	ug/l	13.34		7.67		13.03		15.04		9.34	
Lead, Total	25	ug/l	27.67		12.53		28.83		17.01		49.39	
Mercury, Total	0.7	ug/l	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Selenium, Total	10	ug/l	7.36		5	U	2.71	J	10	U	5	U
1,4 Dioxane by 8270D-SIM [1]												
1,4-Dioxane	1	ug/l	-	-	2.18		-	-	-	-	-	-
Perfluorinated Alkyl Acids by Isotope Dilution [2]												
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.1	ug/l	-	-	0.0528	F	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA	0.1	ug/l	-	-	0.00187	U	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	0.1	ug/l	-	-	0.00437		-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	0.1	ug/l	-	-	0.0172		-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	0.1	ug/l	-	-	0.00187	U	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	0.1	ug/l	-	-	0.00372		-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	0.1	ug/l	-	-	0.0179		-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	0.1	ug/l	-	-	0.00599		-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	0.1	ug/l	-	-	0.0448		-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	0.1	ug/l	-	-	0.00794		-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	0.5	ug/l	-	-	0.13	F	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	0.5	ug/l	-	-	0.045	F	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	0.1	ug/l	-	-	0.0516		-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	0.1	ug/l	-	-	0.00187	U	-	-	-	-	-	-
PFOA/PFOS, Total	0.5	ug/l	-	-	0.175		-	-	-	-	-	-
Polychlorinated Biphenyls by GC												
Aroclor 1254	0.09	ug/l	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U
PCBs, Total		ug/l	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U

Table 2.
Groundwater Sample Results
Detections Only
Remedial Investigation - South Clinton Street

		LOCATION	MW-4-72015		MW-5A-72105		MW-5B-72115		MW-5C-72115		MW-6A-72115		MW-6B-72315		MW-6C-72315		MW-7A-72215		MW-7B-72215		MW-7C-72215	
		SAMPLING DATE	7/20/2015		7/20/2015		7/21/2015		7/21/2015		7/21/2015		7/23/2015		7/23/2015		7/22/2015		7/22/2015		7/22/2015	
		TOTAL DEPTH	20'		21'		36'		50'		22'		33'		50'		20'		29'		46'	
		SCREENED INTERVAL	10'-20'		11'-21'		26'-36'		40'-50'		12'-22'		28'-33'		40'-50'		10'-20'		24'-29'		36'-46'	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS																						
1,1-Dichloroethene	5	ug/l	0.5	U	6.5		0.5	U	0.5	U	50	U	15	J	5	U	2	U	0.5	U	0.5	U
Acetone	50	ug/l	1.6	J	50	U	4.8	J	5	U	500	U	250	U	50	U	14	J	16		2.3	J
Benzene	1	ug/l	0.92		4.4	J	0.5	U	0.5	U	50	U	25	U	5	U	0.74	J	0.2	J	0.5	U
Bromomethane	5	ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	7	ug/l	2.5	U	25	U	2.5	U	2.5	U	250	U	120	U	25	U	10	U	2.5		0.83	J
cis-1,2-Dichloroethene	5	ug/l	3.7		2400	E	6.1		4.2		5300		5600		25	U	460		180		1.4	J
Cyclohexane		ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	5	ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl cyclohexane		ug/l	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	5	ug/l	0.5	U	2900	E	5.7		2.7		34	J	27		5	U	2	U	0.5	U	0.5	U
Carbon disulfide	60	ug/l	5	U	50	U	5	U	5	U	500	U	250	U	50	U	20	U	6.4		1	J
2-Butanone	50	ug/l	5	U	50	U	5	U	5	U	500	U	250	U	50	U	20	U	1.9	J	5	U
trans-1,2-Dichloroethene	5	ug/l	2.5	U	12	J	2.5	U	2.5	U	230	J	150		25	U	10	U	1.1	J	2.5	U
Trichloroethene	5	ug/l	0.5	U	1900		2.2		1.6		260		290		5	U	2	U	0.5	U	0.5	U
Vinyl chloride	2	ug/l	3.3		110		1.1		0.5	J	2000		3200		10	U	500		210	E	0.87	J
Semivolatile Organics by GC/MS																						
Biphenyl		ug/l	NS																			
Caprolactam		ug/l																				
Carbazole		ug/l																				
Dibenzofuran		ug/l																				
Semivolatile Organics by GC/MS-SIM																						
2-Methylnaphthalene		ug/l	NS																			
Acenaphthene	20	ug/l																				
Acenaphthylene		ug/l																				
Anthracene	50	ug/l																				
Benzo(a)anthracene	0.002	ug/l																				
Benzo(a)pyrene	0	ug/l																				
Benzo(b)fluoranthene	0.002	ug/l																				
Benzo(ghi)perylene		ug/l																				
Benzo(k)fluoranthene	0.002	ug/l																				
Chrysene	0.002	ug/l																				
Dibenzo(a,h)anthracene		ug/l																				
Fluoranthene	50	ug/l																				
Fluorene	50	ug/l																				
Indeno(1,2,3-cd)pyrene	0.002	ug/l																				
Naphthalene	10	ug/l																				
Phenanthrene	50	ug/l																				
Pyrene	50	ug/l																				

Table 2.
Groundwater Sample Results
Detections Only
Remedial Investigation - South Clinton Street

		LOCATION	MW-4-72015		MW-5A-72105		MW-5B-72115		MW-5C-72115		MW-6A-72115		MW-6B-72315		MW-6C-72315		MW-7A-72215		MW-7B-72215		MW-7C-72215	
		SAMPLING DATE	7/20/2015		7/20/2015		7/21/2015		7/21/2015		7/21/2015		7/23/2015		7/23/2015		7/22/2015		7/22/2015		7/22/2015	
		TOTAL DEPTH	20'		21'		36'		50'		22'		33'		50'		20'		29'		46'	
		SCREENED INTERVAL	10'-20'		11'-21'		26'-36'		40'-50'		12'-22'		28'-33'		40'-50'		10'-20'		24'-29'		36'-46'	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																						
Arsenic, Total	25	ug/l																				
Barium, Total	1000	ug/l																				
Cadmium, Total	5	ug/l																				
Chromium, Total	50	ug/l											NS									
Lead, Total	25	ug/l																				
Mercury, Total	0.7	ug/l																				
Selenium, Total	10	ug/l																				
1,4 Dioxane by 8270D-SIM [1]																						
1,4-Dioxane	1	ug/l											NS									
Perfluorinated Alkyl Acids by Isotope Dilution [2]																						
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.1	ug/l																				
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA	0.1	ug/l																				
Perfluorobutanesulfonic Acid (PFBS)	0.1	ug/l																				
Perfluorobutanoic Acid (PFBA)	0.1	ug/l																				
Perfluorodecanoic Acid (PFDA)	0.1	ug/l																				
Perfluoroheptanesulfonic Acid (PFHpS)	0.1	ug/l																				
Perfluoroheptanoic Acid (PFHpA)	0.1	ug/l																				
Perfluorohexanesulfonic Acid (PFHxS)	0.1	ug/l											NS									
Perfluorohexanoic Acid (PFHxA)	0.1	ug/l																				
Perfluorononanoic Acid (PFNA)	0.1	ug/l																				
Perfluorooctanesulfonic Acid (PFOS)	0.5	ug/l																				
Perfluorooctanoic Acid (PFOA)	0.5	ug/l																				
Perfluoropentanoic Acid (PFPeA)	0.1	ug/l																				
Perfluoroundecanoic Acid (PFUnA)	0.1	ug/l																				
PFOA/PFOS, Total	0.5	ug/l																				
Polychlorinated Biphenyls by GC																						
Aroclor 1254	0.09	ug/l											NS									
PCBs, Total		ug/l																				

Notes:

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

[1] - Guidance value for 1,4-Dioxane obtained from the NYSDOH Section 225 of the Public Health Law, Subpart 5-1, Section 5-1.52 Table 3. Organic Chemicals Maximum Contaminant Level Determination, effective August 26, 2020.

[2] - Guidance values obtained from the NYSDEC October 2020 Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS).
B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

U - Not detected at the reported detection limit for the sample.

* Comparison is not performed on parameters with non-numeric criteria.
July 2015 samples collected at monitoring well MW-4 and the monitoring well clusters MW-5, MW-6, and MW-7 were collected by GZA Environmental of New York as part of the Off-Site Environmental Characterization Report
NS - Parameter not sampled as part of the August 2015 groundwater monitoring

FIGURES

LEGEND:

FORMER COYNE TEXTILE BCP - ORIGINAL LIMITS

SOUTH CLINTON STREET RIGHT OF WAY ADDED TO BCP

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BROWNFIELD CLEANUP PROGRAM LIMITS

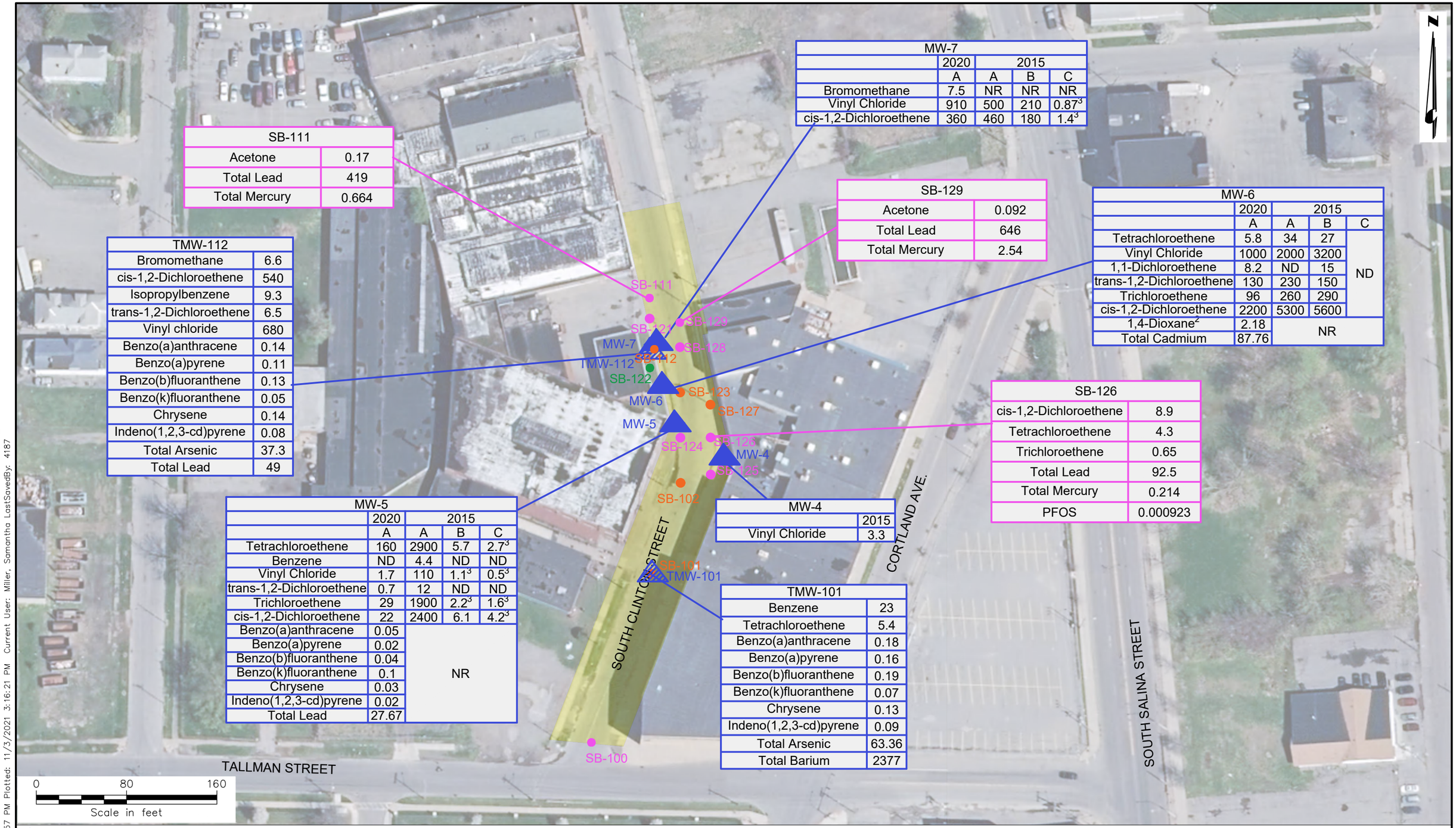
SUPPLEMENTAL REMEDIAL INVESTIGATION
SOUTH CLINTON STREET
SYRACUSE, NEW YORK

PROJECT NO. 059294.001

DATE: 08/2021

FIGURE 1

File: V:\PROJECTS\ANY\K5\059294.001\CADD_ACAD\ENVP\SYRACUSE STAMP\SAMPLE LOCATION MAP - ALL DATA_BCA UPDATE.DWG
Saved: 7/30/2021 10:57:11 AM Plotted: 7/30/2021 10:58:27 AM Current User: Ehmann, Karyn LastSavedBy: 5768



SB-111	
Acetone	0.17
Total Lead	419
Total Mercury	0.664

TMW-112	
Bromomethane	6.6
cis-1,2-Dichloroethene	540
Isopropylbenzene	9.3
trans-1,2-Dichloroethene	6.5
Vinyl chloride	680
Benzo(a)anthracene	0.14
Benzo(a)pyrene	0.11
Benzo(b)fluoranthene	0.13
Benzo(k)fluoranthene	0.05
Chrysene	0.14
Indeno(1,2,3-cd)pyrene	0.08
Total Arsenic	37.3
Total Lead	49

MW-5				
	2020	2015		
	A	A	B	C
Tetrachloroethene	160	2900	5.7	2.7[3]
Benzene	ND	4.4	ND	ND
Vinyl Chloride	1.7	110	1.1[3]	0.5[3]
trans-1,2-Dichloroethene	0.7	12	ND	ND
Trichloroethene	29	1900	2.2[3]	1.6[3]
cis-1,2-Dichloroethene	22	2400	6.1	4.2[3]
Benzo(a)anthracene	0.05	NR		
Benzo(a)pyrene	0.02			
Benzo(b)fluoranthene	0.04			
Benzo(k)fluoranthene	0.1			
Chrysene	0.03			
Indeno(1,2,3-cd)pyrene	0.02			
Total Lead	27.67			

MW-7				
	2020	2015		
	A	A	B	C
Bromomethane	7.5	NR	NR	NR
Vinyl Chloride	910	500	210	0.87[3]
cis-1,2-Dichloroethene	360	460	180	1.4[3]

SB-129	
Acetone	0.092
Total Lead	646
Total Mercury	2.54

MW-6				
	2020	2015		
	A	A	B	C
Tetrachloroethene	5.8	34	27	ND
Vinyl Chloride	1000	2000	3200	
1,1-Dichloroethene	8.2	ND	15	
trans-1,2-Dichloroethene	130	230	150	
Trichloroethene	96	260	290	
cis-1,2-Dichloroethene	2200	5300	5600	
1,4-Dioxane[2]	2.18	NR		
Total Cadmium	87.76			

SB-126	
cis-1,2-Dichloroethene	8.9
Tetrachloroethene	4.3
Trichloroethene	0.65
Total Lead	92.5
Total Mercury	0.214
PFOS	0.000923

MW-4	
	2015
Vinyl Chloride	3.3

TMW-101	
Benzene	23
Tetrachloroethene	5.4
Benzo(a)anthracene	0.18
Benzo(a)pyrene	0.16
Benzo(b)fluoranthene	0.19
Benzo(k)fluoranthene	0.07
Chrysene	0.13
Indeno(1,2,3-cd)pyrene	0.09
Total Arsenic	63.36
Total Barium	2377

GROUNDWATER MONITORING WELL LOCATION
TEMP. GROUNDWATER MONITORING WELL LOCATION
SOIL BORING AND SAMPLE LOCATION
SOIL BORING LOCATION
SOIL BORING LOCATION ADJACENT TO BCP
SOIL RESULTS DISPLAYED IN mg/kg (ppm)
ND – PARAMETER NOT DETECTED
NR – PARAMETER NOT REPORTED

GROUNDWATER RESULTS DISPLAYED IN µg/l (ppb)
SOIL PARAMETERS SHOWN EXCEED 6 NYCRR PART 375 UNRESTRICTED SCOs
PARAMETERS SHOWN EXCEED TOGS 1.1.1 AMBIENT GROUNDWATER QUALITY CRITERIA FOR CLASS GA WATERS

1 – GUIDANCE VALUES OBTAINED FROM THE NYSDEC OCT. 2020 GUIDANCE
2 – GUIDANCE VALUE FROM NYSDOH SECTION 225 FOR DRINKING WATER
3 – VALUE DOES NOT EXCEED TOGS 1.1.1

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Syracuse, NY 13202
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SOIL AND GROUNDWATER SAMPLE LOCATION MAP
SYRACUSE, NEW YORK

PROJECT NO. 059294.001
DATE: 08/2021
FIGURE 2

File: V:\PROJECTS\ANY\K5\059294.001\CADD_ACAD\ENVP\SYRACUSE STAMP\SAMPLE LOCATION MAP – ALL DATA_BCA UPDATE.DWG
Saved: 11/3/2021 1:59:57 PM Plotted: 11/3/2021 3:16:21 PM Current User: Miller, Samantha LastSavedBy: 4187

APPENDIX A

GZA Off-Site Environmental Characterization Report

OFF-SITE ENVIRONMENTAL CHARACTERIZATION REPORT
COYNE TEXTILE SERVICES
140 CORTLAND AVENUE &
207 WEST TAYLOR STREET
SYRACUSE, NEW YORK
BCP SITE NUMBER C734144

PREPARED FOR:
Coyne Textile Services
140 Cortland Avenue
Syracuse, New York 13221

PREPARED BY:
GZA GeoEnvironmental of New York
Buffalo, New York

August 2015
21.0056730.40

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of New York

Engineers and Scientists

VIA EMAIL

August 26, 2015
File No. 21.0056730.40

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Re: Off-Site Environmental Characterization Report
Coyne Textile Services
140 Cortland Avenue &
207 West Taylor Street
Syracuse, New York 13221

Dear Mr. Pobedinsky:

GeoEnvironmental of New York (GZA) has prepared this report describing the results of our Off-Site Environmental Characterization Report at the above referenced Site. GZA developed a scope of work based upon the findings of the previously conducted Phase II and Phase III Environmental Site Assessments (ESAs). The objective of the environmental characterization was to determine the presence or absence of off-Site contamination associated with chlorinated volatile organic compound (cVOC) impact identified under the northwest portion of the 140 Cortland Avenue facility; and if confirmed present, to characterize the lateral and vertical presence of the off-Site contamination.

Based on the data from this investigation, GZA expects that additional investigation, mitigation, and monitoring will be required at the Site under the Brownfield Cleanup Program (BCP). GZA recommends providing this report to the New York State Department of Environmental Conservation (NYSDEC) for review. The results of this Environmental Characterization Report will be incorporated into the upcoming Remedial Investigation (RI) activities under the BCP to further characterize on- and off -Site impact.

We note that if impacted soil and/or groundwater is encountered or media-derived waste is generated during future construction activities, this material should be managed in accordance with local, state and federal regulations.

An Equal Opportunity Employer M/F/V/H

We trust this report satisfies your present needs. Should you have any questions or require additional information following your review, please do not hesitate to contact Tom Bohlen at (716) 844-7050.

Sincerely,

GZA GEOENVIRONMENTAL, INC.

Thomas Bohlen
Assistant Project Manager

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Technical Specialist

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Project Reviewer

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Principal-In-Charge

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1.00 INTRODUCTION

In accordance with our June 24, 2015 proposal, GZA GeoEnvironmental of New York (GZA) performed Off-Site Environmental Characterization in the City of Syracuse right-of-way, west of the 140 Cortland Avenue facility in Syracuse, New York (Site) for Coyne Textile Services (Client or CTS). A Locus Plan is attached as Figure 1 and a Site Plan is attached as Figure 2. This work included the installation and associated development, environmental sampling, and analysis of four nested monitoring well clusters proximate to South Clinton Street.

BACKGROUND

Phase I Environmental Site Assessment

GZA completed a Phase I Environmental Site Assessment[1] at the Site that identified the following recognized environmental conditions (RECs).

- **Historical Dry Cleaning Operations (140 Cortland Avenue):** Tetrachloroethene (PCE) and other dry cleaning solvents were used at the 140 Cortland Avenue facility until 2000. Additionally, dry cleaning solvents (Stoddard solvent) were identified as being stored in underground storage tanks (USTs) located under the floor in the dry cleaning room. Mr. Robert Rudd, Vice President of Engineering and Maintenance for Coyne Textile Services, later indicated that these USTs were used as "mop oil" tanks and did not contain Stoddard solvent. The USTs were "closed-in-place" in 1986. No closure documentation was provided for these tanks. The potential exists that these USTs and dry cleaning operations have impacted the soil and/or groundwater at the Site.

- **Former Gasoline Station (140 Cortland Avenue):** A gasoline station was formerly present in the southern portion of the property (location of circa 1980s expansion).

- **Boiler Area UST (140 Cortland Avenue):** An out-of-service underground storage tank (UST) for heating oil is located under the floor in the main boiler room of 140 Cortland Avenue building property.

- **In-Ground Hydraulic Lifts (140 Cortland Avenue):** Two in-ground hydraulic truck lifts are located in the main laundry building. The lifts appeared to be in good condition, with no signs of significant surficial leaks or spills observed; however GZA was unable to make subsurface observations of the in-ground hydraulic truck lifts. Additionally, the General Manager and Plant Manager were not aware of when the lifts were installed. The potential exists that releases from these lifts have

[1] "Phase I Environmental Site Assessment, Coyne Textile Services, 140 Cortland Avenue & 207 West Taylor Street, Syracuse, New York" completed for Coyne Textile Services by GZA dated October 16, 2014.

impacted the soil and/or groundwater at the Site. Mr. Rudd later indicated that these lifts are aboveground lifts with no subsurface components.

- **Employee Parking Area Previous Uses:** The Employee Parking area was utilized as a bus garage/repair facility and a filling station from the early 1900s to the 1970s.

- **Historical USTs (207 West Taylor Street):** Petroleum USTs were historically used at the 207 West Taylor Street property. These tanks were removed in 1986. However, no closure documentation was provided for these tanks. Additionally, GZA observed two yellow steel pipes and two round covers adjacent to the steel pipes on the northern exterior of the 207 West Taylor Street fleet truck maintenance building. The purpose and function of these structures are unknown, and may be associated with USTs. The potential exists that USTs may have leaked or impacted the Site.

- **Historical Dry Cleaning and Automotive Repair (207 West Taylor Street):** This property was occupied by a variety of commercial/industrial users since the mid-1930s. Uses included a freight lines facility, metal products factory, maintenance garage, and dry cleaning plant. It is unknown what, if any, impacts have resulted from the former uses of the property.

- **Staining around Fuel Dispenser and AST (207 West Taylor Street):** Noticeable staining was observed on the asphalt underneath and adjacent to the 2,000 gallon diesel fuel aboveground storage tank (AST) and dispenser pump. Potential exists for environmental impacts related to this operation.

- **Adjoining and area properties:** The surrounding area has been historically used for industrial purposes for over 100 years. Multiple adjoining properties were identified on the federal and state databases reviewed, confirming the historical usage of hazardous materials and petroleum products. Several NY Spills and LTANKS listings are associated with these adjoining properties and document releases in the vicinity of the Site. A US Brownfield site adjoins the Site to the east, in an assumed upgradient groundwater direction from the Site. Potential releases from the surrounding area may have impacted the Site soil and/or groundwater.

It was GZA's opinion that a subsurface investigation, to include subsurface soil and groundwater sampling and analyses, would be necessary to assess the presence or absence of contaminants in the environment associated with the identified RECs.

Phase II Environmental Site Assessment

GZA completed a Phase II Environmental Site Assessment[2] at the Site that investigated the RECs. Twenty-three soil borings and soil samples were completed and collected along with

[2] "Phase II Environmental Site Assessment, Coyne Textile Services, 140 Cortland Avenue & 207 West Taylor Street, Syracuse, New York" completed for Coyne Textile Services by GZA dated January 2015.

the collection of two groundwater samples during the Phase II ESA, all of which were analyzed for VOCs, SVOCs, and metals. The Phase II ESA had the following conclusions:

- **Employee Parking Area (140 Cortland Avenue):** During drilling for the installation of a temporary groundwater monitoring well (TMW-2), GZA observed an oil-like sheen on the groundwater and a related photo-ionization detector (PID) meter response from the soil. GZA recommended that the Client call in a spill to NYSDEC for this location. NYSDEC issued Spill # 1408779. Follow-up laboratory analytical results identified the presence of low level volatile organic compounds (VOCs), as well as elevated semi-volatile organic compounds (SVOCs) and metals, some in exceedance of New York State Department of Environmental Conservation (NYSDEC) Part 375 Site Cleanup Objectives (SCOs).

- **Boiler Area UST (140 Cortland Avenue):** SB-4 was advanced five feet east of a former oil heated boiler room, located inside the central portion of the 140 Cortland Avenue Site building. Although the boiler room is now heated with natural gas, reportedly an out-of-service UST formerly used to store heating oil was located under the floor in the main boiler room. Due to the confines of the boiler room, a probe was not completed inside. In addition, a probe was not installed west (estimated down-gradient) of the boiler room because high voltage electric lines and high pressure natural gas lines enter the facility at that location.

  Follow-up analytical results for SB-4 indicated some low level VOC concentrations not exceeding Residential Use SCOs.

- **Staining around Fuel Dispenser and AST (207 West Taylor Street):** SB-15 and SB-16 were advanced in close proximity to each other and were advanced in an area of petroleum-stained pavement and a 2,000-gallon diesel fuel AST. Follow-up analytical results for SB-15 and SB-16 show SVOC concentrations exceeding Commercial and Industrial SCOs, with SB-16 also showing arsenic, copper and mercury exceedances.

- **Historical Dry Cleaning Operations (140 Cortland Avenue):** Interior sampling should be re-attempted in the areas of the chemical storage and distribution room (former dry cleaning units) (SB-5) and in the area of the laundry machines and floor trenches (SB-6) after confirmation of safe working conditions relative to VOCs in the breathing air. GZA notes that this area was investigated during the Phase III ESA summarized below.

<u>Phase III Environmental Site Assessment</u>

GZA completed a Phase III Environmental Site Assessment[3] at the Site to further delineate the vertical and horizontal extent of petroleum contamination encountered at TMW-2 in association with NYSDEC Spill #1408779, and to further investigate subsurface soil and

[3] "Phase III Environmental Site Assessment, Coyne Textile Services, 140 Cortland Avenue & 207 West Taylor Street, Syracuse, New York" completed for Coyne Textile Services by GZA dated April 2015.

groundwater conditions at the 140 Cortland Avenue facility near the boiler room, in the dry cleaning area, and near the AST at 207 West Taylor Street. Twenty-three soil borings were completed and 25 soil samples were collected along with the collection of eight groundwater samples for chemical analysis, which included VOCs and SVOCs. The Phase III ESA had the following conclusions:

- **Employee Parking Area:** As noted above, during the Phase II ESA, spill number 1408779 was assigned by NYSDEC. GZA noted that NYSDEC closed spill number 1408779 on March 30, 2015. The spill was closed for administrative reasons and was consolidated with spill number 1412187 (140 Cortland Avenue PCE release, discussed below). TMW-2 was located near the western side of the parking lot. Six additional borings were installed in this area during the Phase III in an effort to delineate the petroleum impact. VOC concentrations from submitted soil samples did not exceed NYSDEC SCOs for residential use. One SVOC, benzo [a] pyrene at 3,230 ug/kg, exceeded its industrial use SCO of 1,100 ug/kg at MW-3.

  Three permanent groundwater wells (MW-1, MW-2, and MW-3) were installed in this area, surrounding TMW-2. Groundwater analytical results from MW-1 were below method detection limits for VOCs and SVOCs. Five VOCs significantly exceeded their respective NYSDEC groundwater standards at MW-2. Five VOCs and one SVOC significantly exceeded their respective groundwater standards at MW-3. Further delineation to the west was not performed due to the presence of Cortland Avenue.

  Potential additional actions were listed to include:
  - additional delineation of the extent of impacted groundwater;
  - investigation/mitigation of vapor intrusion at the 140 Cortland Avenue building directly across the street; and
  - remediation of the impacted groundwater.

- **140 Cortland Avenue:**

  Chemical Storage Room:
  Elevated concentrations of chlorinated volatile organic compounds (cVOCs) were detected in soil and groundwater samples from one boring (SB-32) located in the Chemical Storage Room at the 140 Cortland Avenue facility. Coyne representatives reported the release to NYSDEC on March 27, 2015. New spill number 1412187 was opened for this release by NYSDEC. Concentrations of cVOCs exceeded NYSDEC soil cleanup objectives for property of industrial use. Groundwater from this same boring exceeded drinking water standards for cVOCs. The extent of this contamination is unknown because additional subsurface investigation within the 140 Cortland Avenue building is not feasible due to current facility usage and subsurface obstacles. The cVOC-impacted soil and groundwater encountered at SB-32 is near the western boundary of the Coyne property. Therefore, off-Site migration of cVOC contaminated groundwater was determined to be possible. Also, concentrations of cVOCs in soil and groundwater warranted

investigation of vapor intrusion from the subslab soil into the indoor air within the Coyne facility.

Potential actions for this issue were listed to include:

- Further delineation of the extent of soil and groundwater contamination;
- Testing for soil vapor intrusion of cVOCs to indoor air both on-site and off-site;
- Installation of soil vapor intrusion (SVI) mitigation system(s); and
- Soil and groundwater remediation and monitoring.

Boiler Room and UST:
Six borings were installed during the Phase III in the vicinity of Phase II boring SB-4 in an effort to delineate low level VOCs assumed to be associated with the boiler room and out-of-service UST. VOC and SVOC concentrations in soil from the six borings did not exceed NYSDEC residential use criteria. Just one VOC, benzene (37.7 ug/L), was detected in groundwater sample SB-30 at a concentration exceeding NYSDEC groundwater criteria (1 ug/L).

GZA expects that the limited groundwater impact at this location could be addressed as part of mitigation and/or remedial actions performed to address other areas of the facility.

- **207 West Taylor Street:** Seven additional borings were installed in the vicinity of the fuel dispenser and AST. VOC concentrations from submitted soil samples did not exceed NYSDEC industrial use criteria. Four polycyclic aromatic hydrocarbon (PAH) SVOCs from three soil borings east and north of the AST exceeded their respective industrial soil use criteria. These exceedances may be representative of the fill material from which the samples were collected.

  One temporary groundwater monitoring well (SB-35) was installed in this area. Five VOCs significantly exceeded their respective NYSDEC Groundwater criteria.

  Because the Site is currently covered almost entirely by buildings with concrete slab foundations and paved surfaces, there is presently no direct route of human exposure to the soil and groundwater contaminants. The surrounding area is provided with publicly-supplied potable water. Potential exposure to VOCs by soil vapor intrusion may exist but is yet undetermined. GZA noted that if soil/fill and/or groundwater is encountered during future construction or maintenance activities, proper personal protective measures are recommended and materials should be managed in accordance with local, state and federal regulations.

  Based on the data from the Phase II and III ESAs, GZA expected that additional investigation, mitigation, and monitoring will be required at this Site. A conference with the NYSDEC after their review of this Phase III report was recommended to identify next steps and regulatory options. GZA and the Client attended a meeting with the NYSDEC. It was determined that the Coyne International Enterprise Corp. should apply the Site for enrollment in the BCP (see below).

Vapor Intrusion Investigation

GZA completed a Vapor Intrusion Investigation at the 140 Cortland Avenue facility in May 2015 to assess whether potential contaminant vapors from petroleum compounds and/or chlorinated organic compounds identified in the soil and groundwater at 140 Cortland Avenue, are impacting sub-slab soil vapor or indoor air quality.

Three types of air samples (sub-slab, indoor and outdoor air) were collected as part of the vapor intrusion assessment. The samples were collected via methodologies identified in the New York State Department of Health (NYSDOH), "Guidance for Evaluating Soil Vapor Intrusion in the State of New York", dated October 2006 (NYSDOH Guidance Document).

Ten indoor air sample locations were collected within 140 Cortland Avenue. The indoor air samples were collected from the breathing zone, approximately 4 to 5 feet above the floor.

Ten sub-slab air samples were collected within 140 Cortland Avenue. The sub-slab air samples were collected from within 10 feet of the indoor air sample locations. One ambient outdoor air sample was collected from an exterior upwind location from 140 Cortland Avenue on the day of the air sampling to provide a background, baseline concentration of VOCs. The outdoor air sample was collected from approximately four to five feet above the ground surface. Care was exercised to note the presence of building intake and/or exhaust ventilation louvers in the general vicinity of the ambient air sample.

The analytical results from the vapor intrusion investigation were compared to the NYSDOH compound-specific decision matrix. Comparison of the detected concentrations of these compounds to the NYSDOH decision matrices 1 and 2 indicated that monitoring and/or mitigation is warranted in the northwestern and central portions of the 140 Cortland Avenue facility.

Coyne International Enterprise Corp. entered into a NYSDEC Brownfield Site Cleanup Agreement for the Site on July 13, 2015 under the NYSDEC BCP. The BCP Site was defined as the 140 Cortland Avenue facility and its associated employee parking lot; and the property located at 207 West Taylor Street. The results of this Environmental Characterization Report will be incorporated into the upcoming further Remedial Investigation (RI) activities under the BCP.

2.00 PURPOSE AND SCOPE OF WORK

The purpose of these environmental characterization activities was to delineate potential vertical and lateral off-Site migration associated with the cVOC impact identified under the northwest portion of the 140 Cortland Avenue facility.

To accomplish this, GZA developed a scope of work for the investigation to evaluate the Site based upon generally accepted engineering standard of care and practices. The following activities were completed.

- GZA directed and supervised the installation of four nested groundwater monitoring well clusters off-Site in the City of Syracuse right-of-way proximate to South Clinton Street and west of the 140 Cortland Avenue facility (see Figure 2). The installations were completed between July 7 and 17, 2015. The monitoring well installations were performed by GZA's subcontractor, Nothnagle Drilling Inc. (Nothnagle).

- GZA collected split spoon soil samples continuously in two-foot intervals during the well installations from depths ranging from four to 55 feet below ground surface (bgs).

- GZA field screened the recovered soil cores using an organic vapor meter (OVM) equipped with a PID with an 11.7 electron volt (eV) ultraviolet lamp.

- GZA selected 26 soil samples for chemical analysis, which included VOCs via EPA Method 8260B - Target Compound List (TCL) and Spills Technology and Remediation Series (STARS) list, and SVOCs via EPA Method 8270C (Base Neutrals list). Additionally, four composite soil samples were collected for Magnetic Susceptibility testing to evaluate the presence of iron oxides available in the glacial sediment that could be available for abiotic dechlorination. Nine discrete samples were also collected from each screened interval of the nested monitoring wells, and will be held for potential future analysis.

- GZA developed the monitoring wells after installation using a stainless steel foot valve and high density polyethylene tubing.

- GZA collected 10 groundwater samples from the four nested monitoring well clusters for chemical analysis, which included VOCs via EPA Method 8260B - TCL and STARS list and the following monitored natural attenuation (MNA) parameters:

    - Total Organic Carbon (TOC) – EPA Method 9060;
    - Alkalinity – EPA Method 310.1;
    - Dissolved Gases – EPA SOP RSK-175;
    - Iron & Manganese – EPA Method 6010;
    - Sulfate – EPA Method 300.0; and
    - Nitrate – EPA Method 353.2

- GZA completed a location survey for the nested monitoring wells using a Trimble Global Position System (GPS) unit for latitude and longitude coordinates.

- GZA completed a relative elevation survey using the northern fire hydrant on South Clinton Street (adjacent to the CTS fenced lot) for elevation reference. The western bolt of the hydrant, marked in the field with an "X" on the upper flange, was used as

the survey reference point. The survey point was assigned an arbitrary elevation of 100.0 feet and is about 2.4' above ground surface.

- GZA prepared this report, which summarizes the data collected during this study.

This report presents GZA's field observations, results, and opinions and is subject to the limitations presented in Appendix A, and modifications if subsequent information is developed by GZA or other parties.

3.00 FIELD STUDIES

This section describes the field studies completed as part of GZA's subsurface investigation.

3.10 MONITORING WELL INSTALLATIONS AND SOIL SAMPLING

The subsurface monitoring well installations were installed using a conventional truck-mounted rotary drill rig using hollow stem augers (HSAs) to advance the boreholes. Split spoon samples were continuously collected at two foot intervals. Split spoon soil cores were field screened with an 11.7eV PID as a qualitative measurement of cVOCs. Grab soil samples were collected from each split spoon sample collected, placed in laboratory-supplied sample jars and placed immediately in a cooler with ice. The remaining soil core sample was then placed in a zip-lock bag for head space screening at the end of the field day. Head space screening results helped determine which soil samples were submitted for laboratory analysis. Samples with the highest elevated PID readings from each drilling interval were selected for analysis. The split spoon soil cores were logged by a GZA field geologist using the modified Burmeister soil classification system. Monitoring well soil boring logs with headspace screening results are included as Appendix B.

Up to three 1-inch diameter schedule 40 poly vinyl chloride (PVC) monitoring wells were installed as a nested well group in each of the four boreholes. The monitoring wells were screened at depths representing shallow, intermediate, and deep groundwater zones (where appropriate). Monitoring wells followed a conventional nomenclature with an additional letter designation for shallow (A), intermediate (B), and deep zones (C) as summarized on the table below. Due to the lack of significant soil impact identified during drilling at MW-4, only the shallow well was installed.

Well ID		MW-4	MW-5	MW-6	MW-7
Shallow	A-Series	10 – 20'	11 – 21'	12 – 22'	10 – 20'
Intermediate	B-Series	Not Applicable	26 – 36'	28 – 33'	24 – 29'
Deep	C-series	Not Applicable	40 – 50'	40 – 50'	36 – 46'

The nested monitoring wells have 0.010-inch wide slot openings in the screened section. Screened sections have a sand pack constructed from approximately one foot below the

bottom of the well screen to approximately two feet above the well screen. A Bentonite slurry seal was placed on top of the sand pack and brought up to one to two feet below the next well screen, then this process was repeated. Well construction began with the deep well, then proceeded to the intermediate, and was followed by the construction of the shallow well. A minimum of a two foot bentonite seal was placed on top of the sand pack for the shallow screened interval. A portland cement-bentonite grout seal was then placed on top of this upper Bentonite seal and brought up to ground surface. The borehole was then finished with an approximate 2x2 foot concrete well pad flush at the ground surface with a curb box and lockable well caps. Monitoring well installation diagrams are included as Figures 3A through 3D.

A temporary decontamination pad was set up at a designated location. All drill string and associated equipment was steam cleaned prior to use and between each boring.

The investigation derived waste (IDW) of drill cuttings, soil cores, and decontamination water was placed into designated United States Department of Transportation (US DOT) approved steel 55-gallon drums and staged on the Site. Drums were labeled accordingly and an inventory of contents was managed by GZA. Drums will be removed from the Site for disposal at a NYSDEC approved disposal facility.

3.20 MONITORING WELL DEVELOPMENT AND GROUNDWATER SAMPLE COLLECTION

GZA developed the monitoring wells using a stainless steel foot valve and high density polyethylene tubing. A minimum of 10 well volumes were removed from each well. During the development process, the foot valve was raised and lowered throughout the screened interval to create a micro-surging effect. Water quality parameters (pH, conductivity, dissolved oxygen, turbidity, oxygen reduction potential, and temperature) were recorded at regular intervals (approximately one reading per well volume purged). Well development forms are included as Appendix C.

Groundwater samples were collected in general conformance with low-flow sampling techniques using a bladder pump. Field parameters (i.e., pH, conductivity, dissolved oxygen, turbidity, oxygen reduction potential, and temperature) of the purge water were documented and samples were collected after parameters had reached stabilization within acceptable parameters. Groundwater sampling forms are included as Appendix D.

4.00 ANALYTICAL TESTING

Twenty-six subsurface soil samples and 10 groundwater samples were collected and submitted for analytical testing. The samples were placed in sample jars and bottles provided by the laboratory, packed in an ice-filled cooler, and sent via courier to Alpha Analytical located in Westborough, Massachusetts. Typical chain-of-custody procedures were followed. Table 1 provides a summary of the analytical samples collected and the analyses completed.

5.00 SUBSURFACE CONDITIONS

5.10 REGIONAL GEOLOGY

The City of Syracuse is situated at the northern end of the Onondaga Valley and post glacial lake Onondaga is along the northern portion of the City limits, at the border between the Ontario Lowlands and the Onondaga Valley (Trough). The City of Syracuse is underlain by thick heterogeneous unconsolidated units of glacial sediments deposited during the advancement and recession of continental glaciers, as recently as 14,000 years ago. The Onondaga trough sediment thickens toward the Tully moraine in the south of the valley. Anticipated depth to bedrock can vary within the city limits depending on proximity to buried valley walls; ranging from 40 to 400 ft. bgs. Bedrock units in central New York are aligned as east-west trending bands, and dip gently to the south at a slope of approximately 40 to 50 feet per mile. Silurian aged rock units underlie the City of Syracuse and Devonian aged rocks units form the hills south of Syracuse. Bedrock was not encountered during the well drilling conducted as part of this investigation which extended to a maximum depth of approximately 55 feet.

5.20 OVERBURDEN GEOLOGY

FILL

A *Fill* unit was encountered in all four monitoring well soil borings and ranged in thickness between seven to 11 feet, with an average thickness of approximately nine feet. The fill unit consisted of a heterogeneous mixture of sands, gravels, and fines (i.e. silts and clays); with trace amounts of slag, cinders, porcelain, rubber-like material, wood, concrete and brick observed. Due to utility clearances and the assurance of safe working conditions, all four monitoring well soil borings were hand cleared to five feet bgs, using a posthole digger and an air lance with a compressor.

MARL & ORGANICS

A *Marl & Organic* deposit underlies the fill unit and consists of a gray-brown to gray, clayey silt and sand mixture, which graded to a fine to medium/course sand at depth. Also observed in this unit were particles and fragments of shells, wood chips, and natural organics. Average thickness of the MARL unit is approximately twelve feet. This unit was observed in all four monitoring well soil borings.

GLACIAL LACUSTRINE

Beneath the Marl unit, a *Glacial Lacustrine* deposit was encountered which ranged in thickness between eight and 22 feet, with an average thickness of approximately 15 feet. This unit is known to be discontinuous throughout the subsurface in the City of Syracuse. The Glacial Lacustrine unit is primarily composed of alternating sequences of gray-brown, very soft to soft, silts and clays, with varying amounts of fine to medium sand. This unit

was observed in all four monitoring well soil borings, but was only augered through at locations MW-5, MW-6, and MW-7.

GLACIAL FLUVIAL

Beneath the *Glacial Lacustrine* deposit, is a Glacial Fluvial unit, which primarily consists of a loose to medium dense, brown-gray, fine course sand, with varying amounts of silt and gravel. This geologic unit was encountered in MW-5, MW-6, and MW-7 to total depth drilled.

Monitoring well boring logs are included as Appendix B.

5.30 GROUNDWATER

Groundwater measurements were recorded during the field investigation and during the monitoring well surveying. Groundwater elevation contour maps are included as Figure 4A through Figure 4C (data collected on August 12, 2015). General groundwater flow direction is towards the northwest for the shallow (A-series) monitoring wells and includes previously installed monitoring wells (MW-1, MW-2, and MW-3) located in the employee parking lot (see Figure 4A). Groundwater flow direction is observed to be towards the north for intermediate (B-series) and deep (C-series) monitoring wells, but the groundwater data is limited for these depths due to the limited number and spatial distribution of the observation points (see Figure 4B and 4C).

6.00 ANALYTICAL TEST RESULTS

Analytical results of soil and groundwater samples collected at the Site during this off-Site environmental characterization are presented below. The analytical results for the soil samples are summarized on Table 2. The analytical results for the groundwater samples are summarized on Tables 3 and 4. The analytical laboratory reports are included as Appendix E.

The analytical test results for the subsurface soil samples were compared to:

- NYSDEC Part 375 Restricted Use Soil Cleanup Objectives.

The Restricted Use Soil Cleanup Objectives (RSCOs) are applicable for the protection of public health in residential, commercial, and industrial scenarios where contamination has been identified in soil above the USCOs.

Based on the historical and current commercial and industrial usage of the Site and surrounding properties, the Commercial (CSCOs) and Industrial Soil Cleanup Objectives (ISCOs) were considered when evaluating the soil analytical results from the Site.

The analytical test results for the groundwater samples were compared to:

- NYSDEC Groundwater criteria presented in the Division of Water Technical and Operational Guidance Series (TOGS 1.1.1), dated October 1993, revised June 1998, errata January 1999 and amended April 2000 (Class GA).

6.10 SOIL

Volatile Organic Compounds:

Volatile organic compounds were detected above method detection limits (MDLs) in all 26 of the soil samples submitted for analysis.

MW-4: Volatile organic compounds were detected above MDLs in each of the five soil samples submitted for analysis from the MW-4 well installation. As shown on Table 2, VOC concentrations were below Commercial Use Soil Cleanup Objectives (CSCOs).

MW-5: Volatile organic compounds were detected above MDLs in the seven soil samples submitted for analysis from this area. As shown on Table 2, the majority of VOCs analyzed were not detected above MDLs. When concentrations were detected above MDLs, parameters were detected at concentrations below CSCOs.

MW-6: Volatile organic compounds were detected above MDLs in the seven soil samples submitted for analysis from this area. As shown on Table 2, the majority of VOCs analyzed were not detected above MDLs. When concentrations were detected above MDLs, parameters were detected at concentrations below CSCOs.

MW-7: Volatile organic compounds were detected above MDLs in the six soil samples submitted for analysis from this area. As shown on Table 2, the majority of VOCs analyzed were not detected above MDLs. When concentrations were detected above MDLs, parameters were detected at concentrations below CSCOs.

Semi-Volatile Organic Compounds:

Semi-volatile organic compounds were detected above MDLs in four of the five soil samples submitted for analysis.

MW-4: Semi-volatile organic compounds were not detected above MDLs in the soil sample submitted for analysis from MW-4, 4-6 ft. bgs. Semi-volatile organic compounds were detected above MDLs in the soil sample submitted for analysis from 8-10 ft. bgs. Indeno(1,2,3-cd)pyrene was detected at a concentration of 8.8 mg/kg, which exceeded its respective CSCO but was below its Industrial Soil Cleanup Objective (ISCO; 11 mg/kg). Four compounds slightly exceeded their respective ISCOs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and dibenzo(a,h)anthracene.

MW-5: Semi-volatile organic compounds were detected above MDLs in the soil sample submitted for analysis from MW-5, 5-7 ft. bgs. As shown on Table 2, when concentrations were detected above MDLs, parameters were detected at concentrations below CSCOs.

MW-6: Semi-volatile organic compounds were detected above MDLs in the soil sample submitted for analysis from MW-6, 5-7 ft. bgs. As shown on Table 2, when concentrations were detected above MDLs, parameters were detected at concentrations below CSCOs.

MW-6: Semi-volatile organic compounds were detected above MDLs in the soil sample submitted for analysis from MW-7, 7-9 ft. bgs. As shown on Table 2, when concentrations were detected above MDLs, parameters were detected at concentrations below CSCOs.

6.20 GROUNDWATER

Volatile Organic Compounds:

Volatile organic compounds were detected above MDLs in nine of the 10 groundwater samples submitted for analysis.

MW-4: Four VOCs were detected above MDLs in the sample submitted for analysis from MW-4. One VOC, vinyl chloride, was detected at a concentration of 3.3 ug/L; which slightly exceeds its NY groundwater criteria (2 ug/L). The remaining detected VOCs were detected at concentrations below their respective criteria.

MW-5A: Seven VOCs were detected above MDLs in the sample submitted for analysis from MW-5A (shallow). The detected VOCs exceed their respective groundwater criteria as summarized below. The concentrations shown are the higher from the sample collected from MW-5A and its respective duplicate.

- Tetrachloroethene was detected at a concentration of 3,100 ug/L; which significantly exceeds its groundwater criterion of 5 ug/L.
- Benzene was detected at a concentration of 4.4 ug/L; which exceeds its criterion of 1 ug/L.
- Vinyl chloride, a breakdown daughter product of PCE, was detected at a concentration of 110 ug/L; which exceeds its groundwater criterion of 2 ug/L.
- 1,1-dichloroethene, a breakdown daughter product of PCE, was detected at a concentration of 6.5 ug/L, which slightly exceeds its criterion of 5 ug/L.
- Trans-1,2-dichloroethene, a breakdown daughter product of PCE, was detected at a concentration of 14 ug/L, which exceeds its criterion of 5 ug/L.

- Trichloroethene was detected at a concentration of 2,000 ug/L; which significantly exceeds its groundwater criterion of 5 ug/L.
- Cis-1,2-dichloroethene, a breakdown daughter product of PCE, was detected at a concentration of 2,400 ug/L, which significantly exceeds its groundwater criterion of 5 ug/L.

Additionally, due to the high concentrations of the above compounds, the laboratory had to run a diluted analysis, resulting in high MDLs for compounds that exceed NYSDEC groundwater criteria (see Table 3).

MW-5B: Five VOCs were detected above MDLs in the sample submitted for analysis from MW-5B (intermediate). Two of the detected VOCs exceed their respective groundwater criteria as summarized below.

- Tetrachloroethene was detected at a concentration of 5.7 ug/L, which slightly exceeds its groundwater criterion of 5 ug/L.
- Cis-1,2-dichloroethene was detected at a concentration of 6.1 ug/L, which slightly exceeds its groundwater criterion of 5 ug/L.

MW-5C: Four VOCs were detected above MDLs in the sample submitted for analysis from MW-5C (deep); however, the detected concentrations were below their respective groundwater criteria.

MW-6A: Five VOCs were detected above MDLs in the sample submitted for analysis from MW-6A (shallow). The detected VOCs exceed their respective groundwater criteria as summarized below.

- Tetrachloroethene was detected at a concentration of 34 ug/L, which exceeds its groundwater criterion of 5 ug/L.
- Vinyl chloride was detected at a concentration of 2,000 ug/L, which significantly exceeds its groundwater criterion of 2 ug/L.
- Trans-1,2-dichloroethene was detected at a concentration of 230 ug/L, which exceeds its criterion of 5 ug/L.
- Trichloroethene was detected at a concentration of 260 ug/L, which significantly exceeds its groundwater criterion of 5 ug/L.
- Cis-1,2-dichloroethene, was detected at a concentration of 5,300 ug/L, which significantly exceeds its groundwater criterion of 5 ug/L.

Additionally, due to the high concentrations of the above compounds, the laboratory had to run a diluted analysis, resulting in high MDLs for compounds that exceed NYSDEC groundwater criteria (see Table 3).

MW-6B: Six VOCs were detected above MDLs in the sample submitted for analysis from MW-6B (intermediate). The detected VOCs exceed their respective groundwater criteria as summarized below.

- Tetrachloroethene was detected at a concentration of 27 ug/L, which exceeds its groundwater criterion of 5 ug/L.
- Vinyl chloride was detected at a concentration of 3,200 ug/L, which significantly exceeds its groundwater criterion of 2 ug/L.
- 1,1-dichloroethene was detected at a concentration of 15 ug/L, which exceeds its criterion of 5 ug/L.
- Trans-1,2-dichloroethene was detected at a concentration of 150 ug/L, which exceeds its criterion of 5 ug/L.
- Trichloroethene was detected at a concentration of 290 ug/L, which exceeds its groundwater criterion of 5 ug/L.
- Cis-1,2-dichloroethene, was detected at a concentration of 5,600 ug/L, which significantly exceeds its groundwater criterion of 5 ug/L.

Additionally, due to the high concentrations of the above compounds, the laboratory had to run a diluted analysis, resulting in high MDLs for compounds that exceed NYSDEC groundwater criteria (see Table 3).

MW-6C: No VOCs were detected above MDLs in the sample submitted for analysis from MW-6C (deep).

MW-7A: Four VOCs were detected above MDLs in the sample submitted for analysis from MW-7A (shallow). Two of the detected VOCs exceed their respective groundwater criteria as summarized below.

- Vinyl chloride was detected at a concentration of 500 ug/L, which significantly exceeds its groundwater criterion of 2 ug/L.
- Cis-1,2-dichloroethene, was detected at a concentration of 460 ug/L, which significantly exceeds its groundwater criterion of 5 ug/L.

MW-7B: Seven VOCs were detected above MDLs in the sample submitted for analysis from MW-7B (intermediate). Two of the detected VOCs exceed their respective groundwater criteria as summarized below.

- Vinyl chloride was detected at a concentration of 210 ug/L, which significantly exceeds its groundwater criterion of 2 ug/L.
- Cis-1,2-dichloroethene, was detected at a concentration of 180 ug/L, which significantly exceeds its groundwater criterion of 5 ug/L.

MW-7C: Five VOCs were detected above MDLs in the sample submitted for analysis from MW-5C (deep); however, the detected concentrations were below their respective groundwater criteria.

Groundwater VOC analytical results are included as Table 3.

6.30 MONITORED NATURAL ATTENUATION EVALUATION

Many natural processes can reduce contaminant concentrations at sites that are contaminated by cVOCs. Natural attenuation refers to the reliance on natural processes, within the context of a carefully controlled and monitored clean-up approach, to achieve site-specific remedial objectives. Natural attenuation mechanisms include a variety of physical, chemical, and biological processes that, under favorable conditions, act without human intervention to reduce the mass, toxicity, mobility, volume, or concentration of contaminants in soil and groundwater. These *in-situ* processes include biodegradation, dispersion, dilution, sorption, volatilization, and chemical or biological stabilization, transformation, or destruction. The goal of any site characterization effort is to understand the fate and transport of the contaminants of concern over time, in order to assess any current or potential threat to human health or the environment. Natural attenuation processes such as biological and chemical reductive dechlorination can be dominant factors in the fate and transport of cVOCs.

In-Situ Biological and Chemical Reduction of Chlorinated VOCs

Reductive dechlorination is the biologically- or chemically-mediated replacement of chlorine (as chloride) on a cVOC with elemental hydrogen, in the presence of a suitable electron donor. This causes transformation of the cVOC to a less chlorinated product. For example, PCE can be biologically dechlorinated by *Dehalococcoides* bacteria to TCE, dichloroethene (DCE), vinyl chloride (VC), and ethene. Ethene is consumed by other bacteria, and ultimately converted to carbon dioxide and water.

An electron donor is a substance capable of supplying electrons during oxidation-reduction reactions. In biotic (biologically-mediated) reductive dechlorination, microorganisms obtain energy by transferring electrons from electron donors to electron acceptors. Electron donors are chemically-reduced materials such as fuel hydrocarbons, naturally-occurring organic carbon, or organic carbon-based remedial additives. Electron acceptors include oxygen, nitrate, ferric iron, sulfate, and cVOCs. In abiotic (chemically-mediated) reductive dechlorination, reduced iron minerals such as ferrous sulfide, magnetite, and zero-valent iron (ZVI) serve as electron donors to facilitate cVOC dechlorination. The typical intermediate products of dechlorination are *cis*-1,2-dichloroethene (cDCE) and VC for the biotic degradation pathway and chloroacetylene for the abiotic counterpart. Chloroacetylene is a very short-lived intermediate, which is rapidly degraded to acetylene, followed by carbon dioxide and water.

Source removal may not be feasible at the Site, as the highest concentrations of cVOCs appear to be underneath the building. Under MNA (monitored natural attenuation), groundwater is remediated through natural attenuation with periodic monitoring. Biotic and abiotic natural attenuation can be enhanced and accelerated by injection of organic carbon or iron-based electron donors.

Baseline Data Summary and Evaluation

The baseline soil data collected at the Site during the July 2015 monitoring well installations and the baseline groundwater data collected following well development contain several lines of evidence that suggest that natural attenuation is ongoing at the Site. The baseline MNA data is summarized in Table 4. The baseline soil magnetic susceptibility, which correlates to soil magnetite content, is summarized under "Evidence of Potential for Abiotic Attenuation". Magnetic susceptibility analytical testing results are included in Appendix E.

Evidence of Potential for Biotic Attenuation:

- Site total organic carbon (TOC) is somewhat elevated. This may be attributed to the organics present in the marl layer. TOC serves as an electron donor for bacteria that condition groundwater for biological dechlorination. These bacteria ultimately generate the hydrogen electron donor needed by dechlorinating *Dehalococcoides* bacteria. Groundwater TOC from monitoring wells that have cVOCs well above the NYSDEC groundwater criteria have TOC ranging from 9 mg/L in MW-5A to 23 mg/L in MW-7A.
- Alkalinity is elevated (292 to 613 mg/L) and pH is near-neutral (6.8 to 7.0 standard units). Biotic dechlorination tends to reduce groundwater pH, as organic acids and hydrogen ions are generated by bacteria fermenting organic carbon. *Dehalococcoides* bacteria are very sensitive to low pH, with much more robust growth above pH 6.5. Alkalinity helps to buffer groundwater against the pH reduction typical of biotic reductive dechlorination.
- Methane above 500 µg/L was observed in MW-4, MW-5A, MW-6A, MW-6B, and MW-7A. This is strong evidence that groundwater is conducive to growth of methanogenic bacteria, which grow under similar conditions as *Dehalococcoides* bacteria.
- Ethene and ethane are the hydrocarbons remaining after all chlorines are removed from PCE, TCE, DCE, and VC. Ethene/ethane concentrations above 100 µg/L represent strong evidence for biotic cVOC degradation (MW-4, MW-5A, MW-6A, and MW-6B), while ethene/ethane concentrations above 10 µg/L represent adequate evidence for biotic cVOC degradation (MW-7A and MW-7B).
- Dissolved oxygen (DO) and nitrate are competing electron acceptors that must be overcome for groundwater to be conducive to growth of *Dehalococcoides*. DO concentrations below 0.5 mg/L provide strong evidence for biotic cVOC degradation (MW-4, MW-5B, MW-6A, MW-6B, MW-7A, MW-7B, and MW-7C). Groundwater nitrate concentrations below 1.0 mg/L provide strong evidence for biotic cVOC degradation. All measured nitrate concentrations were at or below 0.1 mg/L (the method detection limit).
- Lower ORPs (oxidation-reduction potentials) are necessary for reductive dechlorination. All measured ORPs were negative, with several wells measured below -100 mV, representing strong evidence for biotic cVOC degradation (MW-4, MW-5A, MW-5B, MW-5C, MW-6B, MW-6C, MW-7A, and MW-7C).

Evidence of Potential for Abiotic Attenuation:

- The combination of elevated TOC with lower iron and/or lower sulfate in groundwater provides secondary evidence of biotically-mediated formation of reactive ferrous sulfide. This type of ferrous sulfide forms reactive coatings on soil particles that can donate electrons to cVOCs for a type of abiotic reductive dechlorination commonly known as "biogeochemical" dechlorination. This secondary evidence of reactive ferrous sulfate formation exists in the vicinity of MW-4, MW-5A, MW-5B, MW-6A, MW-6B, MW-7A, and MW-7B.
- Magnetic susceptibility measurements of composited soil samples give an approximation of magnetite content. Magnetite is a naturally occurring magnetic ferrous-ferric oxide that can donate electrons to PCE, TCE, and cDCE for abiotic reductive dechlorination. No direct chemical test is available for quantification of magnetite. However, magnetite is the most abundant mineral in natural soils and sediments that exhibit magnetic behavior. Soil samples collected during monitoring well installation had magnetic susceptibilities of 1.5×10^{-6} to 8.3×10^{-7} m^3/kg. These are moderate values, suggesting soil magnetite content of approximately 0.1 to 0.5 weight %.

Abiotic mechanisms are likely part of the overall natural attenuation at the Site, particularly near MW-4, where PCE, TCE, and cDCE are currently below NYSDEC groundwater criteria. However, significant groundwater concentrations of cDCE and VC in MW-5A, MW-6A, MW-6B, MW-7A, and MW-7B suggest that dechlorination in these locations is predominately biotic, microbially-mediated sequential dechlorination.

Potential for Sulfate Inhibition

There is some evidence that sulfate inhibition of *Dehalococcoides* can occur when sulfate groundwater concentrations are much above 400 mg/L (MW-5C, MW-6C, and MW-7C). Recent studies[4] have demonstrated that *Dehalococcoides* are still able to predominate in mixed anaerobic microbial communities when sulfate concentrations are as high as 960 to 1,100 mg/L, even under limiting-electron donor conditions (low TOC). However, once TOC is depleted, elevated sulfate concentrations can reduce dechlorination rates due to microbial competition between dechlorinators and sulfate-reducing bacteria for the available electron donor (TOC).

Summary

There is convincing evidence that PCE dechlorination is advancing at the Site, generating TCE, DCE, VC, and ethene/ethane. Continued dechlorination is anticipated as, with the possible exception of MW-5A, an environment strongly favorable to reductive

[4] Panagiotakis, I., D. Mamais, M. Pantazidou, S. Rossetti, F. Aulenta and V. Tandoi. 2013. Predominance of *Dehalococcoides* in the presence of different sulfate concentrations. Water, Air, & Soil Pollution 225:1-14; and He, J., Y. Sung, R. Krajmalnik-Brown, K.M. Ritalahti and F.E. Löffler. 2005. Isolation and characterization of *Dehalococcoides* sp. strain FL2, a trichloroethene (TCE)- and 1,2-dichloroethene-respiring anaerobe. Environmental Microbiology 7:1442-1450.

dechlorination exists in proximity to the monitoring wells with significant NYSDEC groundwater criteria exceedances. Although most of the attenuation parameters for monitoring well MW-5A are favorable, this location may not contain enough organic carbon electron donor to sustain biotic dechlorination of the remaining detected 3,000 µg/L PCE, or to generate reactive ferrous sulfides for abiotic dechlorination. Soil magnetite may also be too low at this location for substantial abiotic dechlorination.

7.00 CONCLUSIONS AND RECOMMENDATIONS

A summary of our conclusions and recommendations based upon the work conducted as part of this study follows.

MW-4 is located on the east side of Clinton Street in an up to cross gradient groundwater flow direction from the SB-32 location (under the Chemical Storage Room – the PCE "hot spot" identified during Phase III ESA activities). The well was not installed due west of the SB-32 location due to the presence of power lines exterior to the facility. Chlorinated VOC detections in soil and groundwater were relatively low at this location, with one slight exceedance for VC in groundwater. Due to the lack of significant soil impact identified during well boring, only the shallow well was installed.

MW-5 through MW-7 are located west and across from Clinton Street in a downgradient groundwater flow direction from the SB-32 location. All three of these locations were installed with three well clusters interacting with the formation at shallow, intermediate, and deep depths. The shallow and deep stratigraphy is generally granular, while the intermediate depths were finer grained (i.e. silts and clays). The silt/clay layer (screened by the intermediate "B" wells) may be acting as a confining layer to downward migration of contaminants of concern (see analytical data summary in Section 6.10). Chlorinated volatile organic compound (cVOC) impact (PCE and its breakdown daughter products) was detected in the shallow and intermediate intervals. These detections in the A series (shallow wells) are many orders of magnitude lower than those identified at SB-32 (suspect source). Additionally, the presence of the breakdown daughter products is an encouraging indicator of conditions conducive to natural attenuation. There are lesser detections in the B series (intermediate wells), and near non-detect levels in the C-series (deep wells). In summary,

- Although the detected levels of cVOCs in the shallow and intermediate series wells MW-5 through MW-7 significantly exceed NYSDEC groundwater standards, cVOC concentrations are decreasing significantly (by orders of magnitude) with little relative distance from the suspect source area;
- the potential presence of the confining layer at the intermediate depths may be inhibiting downward contaminant migration; and,
- the detections of breakdown products, along with the collected MNA data appear to be indicative of conditions conducive to natural attenuation.

The results of this Environmental Characterization Report will be incorporated into the upcoming Remedial Investigation (RI) activities under the BCP to further characterize on- and off -Site impact.

The conclusions in this report are subject to the limitations presented in Appendix A and are based on a limited number of soil and groundwater samples analyzed as part of this investigation.

TABLES

Table 1
Analytical Testing Program Summary
Off-Site Environmental Characterization Report
Coyne Textile Services
140 Cortland Avenue and 207 West Taylor Street
Syracuse, New York

Location	Date Collected	Depth/ Interval (ft bgs)	VOCs EPA Method 8260-TCL & STARS	SVOCs EPA Method 8270 - BN	MNA Parameters
SOIL SAMPLES					
MW-4 (4-6')	7/7/2015	4-6	X	X	
MW-4 (8-10')	7/7/2015	8-10	X	X	
MW-4 (14-16')	7/7/2015	14-16	X		
MW-4 (18-20')	7/7/2015	18-20	X		
MW-4 (22-24')	7/7/2015	22-24	X		
MW-5 (5-7')	7/9/2015	5-7	X	X	
MW-5 (11-13')	7/9/2015	11-13	X		
MW-5 (17-19')	7/9/2015	17-19	X		
MW-5 (19-21')	7/9/2015	19-21	X		
MW-5 (29-31')	7/9/2015	29-31	X		
MW-5 (35-37')	7/9/2015	35-37	X		
MW-5 (45-47')	7/9/2015	45-47	X		
MW-6 (5-7')	7/13/2015	5-7	X	X	
MW-6 (13-15')	7/13/2015	13-15	X		
MW-6 (17-19')	7/13/2015	17-19	X		
MW-6 (23-25')	7/13/2015	23-25	X		
MW-6 (31-33')	7/13/2015	31-33	X		
MW-6 (35-37')	7/13/2015	35-37	X		
MW-6 (49-51')	7/13/2015	49-51	X		
MW-6 (53-55')	7/13/2015	53-55	X		
MW-7 (7-9')	7/15/2015	7-9	X	X	
MW-7 (19-21')	7/15/2015	19-21	X		
MW-7 (21-23')	7/15/2015	21-23	X		
MW-7 (29-31')	7/15/2015	29-31	X		
MW-7 (41-43')	7/15/2015	41-43	X		
MW-7 (51-53')	7/15/2015	51-53	X		
GROUNDWATER SAMPLES					
MW-4	7/20/2015	10-20	X		X
MW-5A	7/20/2015	11-21	X		X
MW-5B	7/21/2015	26-36	X		X
MW-5C	7/21/2015	40-50	X		X
MW-6A	7/21/2015	12-22	X		X
MW-6B	7/23/2015	28-33	X		X
MW-6C	7/23/2015	40-50	X		X
MW-7A	7/22/2015	10-20	X		X
MW-7B	7/22/2015	24-29	X		X
MW-7C	7/22/2015	36-46	X		X

Notes:
1. ft bgs = feet below ground surface.
2. VOCs = Volatile Organic Compounds.
3. SVOCs = Semi-Volatile Organic Compounds.
4. TCL = Target Compound List.
5. STARS = Spill Technology and Remediation Series.
6. EPA = Environmental Protection Agency.
7. BN = Base Neutrals
8. MNA = Monitored Natural Attenuation
9. Depths shown for groundwater samples are approximate screened intervals.

Table 2
Soil Analytical Data Summary
Off-Site Environmental Characterization Report
Coyne Textile Services
140 Cortland Avenue and 207 West Taylor Street
Syracuse, New York

LOCATION SAMPLING DATE	Part 375 Restricted Use Soil Cleanup Objectives (SCOs)			MW-4-4-6-7715 7/7/2015	Qual	MW-4-8-10-7715 7/7/2015	Qual	MW-4-14-16-7715 7/7/2015	Qual	MW-4-18-20-7715 7/7/2015	Qual	MW-4-22-24-7715 7/7/2015	Qual	MW-5-5-7-7915 7/9/2015	Qual	MW-5-11-13-7915 7/9/2015	Qual	MW-5-17-19-7915 7/9/2015	Qual	MW-5-19-21-7915 7/9/2015	Qual
	NYS Restricted Commercial	NYS Restricted Industrial	Units																		
Volatile Organic Compounds - EPA Method 8260 TCL & STARS (mg/kg)																					
1,1-Dichloroethane	*240*	**480**	mg/kg	0.0021	U	0.0021	U	0.0025	U	0.0017	U	0.0019	U	0.0023	U	0.0028		0.092	U	1	U
Chloroform	*350*	**700**	mg/kg	0.0021	U	0.0021	U	0.0025	U	0.0017	U	0.0019	U	0.0023	U	0.0024	U	0.092	U	1	U
Tetrachloroethene	*150*	**300**	mg/kg	0.079		0.0013	J	0.0016	U	0.0027		0.0012	U	0.063		0.0016	U	9.1		150	
Benzene	*44*	**89**	mg/kg	0.0014	U	0.0014	U	0.0016	U	0.0016		0.0012	U	0.00038	J	0.00042	J	0.013	J	0.68	U
Vinyl chloride	*13*	**27**	mg/kg	0.0028	U	0.0028	U	0.0033	U	0.0022	U	0.0021	J	0.003	U	0.032		0.081	J	0.17	J
1,1-Dichloroethene	*500*	**1000**	mg/kg	0.0014	U	0.0014	U	0.0016	U	0.0011	U	0.0012	U	0.0015	U	0.0016	U	0.061	U	0.68	U
trans-1,2-Dichloroethene	*500*	**1000**	mg/kg	0.0021	U	0.0021	U	0.0025	U	0.0017	U	0.0019	U	0.0023	U	0.00061	J	0.034	J	1	U
Trichloroethene	*200*	**400**	mg/kg	0.002		0.0014	U	0.0016	U	0.00069	J	0.0012	U	0.0024		0.0016	U	2		14	
cis-1,2-Dichloroethene	*500*	**1000**	mg/kg	0.0017		0.0014	U	0.0016	U	0.0006	J	0.0012	U	0.0015	U	0.0017		3.7		4.2	
Acetone	*500*	**1000**	mg/kg	0.014	U	0.026		0.018		0.0028	J	0.0013	J	0.015	U	0.028		0.61	U	6.8	U
Carbon disulfide	*NV*	**NV**	mg/kg	0.014	U	0.014	U	0.016	U	0.011	U	0.012	U	0.015	U	0.016	U	0.61	U	6.8	U
2-Butanone	*500*	**1000**	mg/kg	0.014	U	0.0056	J	0.016	U	0.011	U	0.012	U	0.015	U	0.0047	J	0.61	U	6.8	U
n-Butylbenzene	*500*	**1000**	mg/kg	0.0014	U	0.0014	U	0.0016	U	0.0011	U	0.0012	U	0.0015	U	0.0016	U	0.061	U	0.68	U
sec-Butylbenzene	*500*	**1000**	mg/kg	0.0014	U	0.0014	U	0.0016	U	0.0011	U	0.0012	U	0.0015	U	0.0016	U	0.061	U	0.68	U
tert-Butylbenzene	*500*	**1000**	mg/kg	0.007	U	0.0071	U	0.0083	U	0.0056	U	0.0063	U	0.0076	U	0.0079	U	0.31	U	3.4	U
Isopropylbenzene	*NV*	**NV**	mg/kg	0.0014	U	0.0014	U	0.0016	U	0.0011	U	0.0012	U	0.0015	U	0.0016	U	0.061	U	0.68	U
Naphthalene	*500*	**1000**	mg/kg	0.007	U	0.00067	J	0.0083	U	0.0056	U	0.0063	U	0.0076	U	0.0079	U	0.31	U	3.4	U
n-Propylbenzene	*500*	**1000**	mg/kg	0.0014	U	0.0014	U	0.0016	U	0.0011	U	0.0012	U	0.0015	U	0.0016	U	0.061	U	0.68	U
1,2,4-Trimethylbenzene	*190*	**380**	mg/kg	0.007	U	0.0071	U	0.0083	U	0.0056	U	0.0063	U	0.0076	U	0.0079	U	0.31	U	0.18	J
Methyl cyclohexane	*NV*	**NV**	mg/kg	0.0056	U	0.0057	U	0.0066	U	0.0044	U	0.005	U	0.0061	U	0.0063	U	0.24	U	2.7	U
Semi-Volatile Organic Compounds - EPA Method 8270 (mg/kg)																					
Acenaphthene	*500*	**1000**	mg/kg	0.18	U	0.95		NT		NT		NT		0.056	J	NT		NT		NT	
Fluoranthene	*500*	**1000**	mg/kg	0.14	U	41	E	NT		NT		NT		0.97		NT		NT		NT	
Naphthalene	*500*	**1000**	mg/kg	0.23	U	0.82		NT		NT		NT		0.19	J	NT		NT		NT	
Benzo(a)anthracene	*5.6*	**11**	mg/kg	0.14	U	***20***	E	NT		NT		NT		0.46		NT		NT		NT	
Benzo(a)pyrene	*1*	**1.1**	mg/kg	0.18	U	***17***		NT		NT		NT		0.46		NT		NT		NT	
Benzo(b)fluoranthene	*5.6*	**11**	mg/kg	0.14	U	***21***	E	NT		NT		NT		0.52		NT		NT		NT	
Benzo(k)fluoranthene	*56*	**110**	mg/kg	0.14	U	7.1		NT		NT		NT		0.21		NT		NT		NT	
Chrysene	*56*	**110**	mg/kg	0.14	U	21	E	NT		NT		NT		0.44		NT		NT		NT	
Acenaphthylene	*500*	**1000**	mg/kg	0.18	U	2.3		NT		NT		NT		0.2	U	NT		NT		NT	
Anthracene	*500*	**1000**	mg/kg	0.14	U	6.3		NT		NT		NT		0.15		NT		NT		NT	
Benzo(ghi)perylene	*500*	**1000**	mg/kg	0.18	U	7.7		NT		NT		NT		0.28		NT		NT		NT	
Fluorene	*500*	**1000**	mg/kg	0.23	U	2		NT		NT		NT		0.091	J	NT		NT		NT	
Phenanthrene	*500*	**1000**	mg/kg	0.14	U	20	E	NT		NT		NT		0.46		NT		NT		NT	
Dibenzo(a,h)anthracene	*0.56*	**1.1**	mg/kg	0.14	U	***2.4***		NT		NT		NT		0.071	J	NT		NT		NT	
Indeno(1,2,3-cd)pyrene	*5.6*	**11**	mg/kg	0.18	U	*8.8*		NT		NT		NT		0.32		NT		NT		NT	
Pyrene	*500*	**1000**	mg/kg	0.14	U	36	E	NT		NT		NT		0.85		NT		NT		NT	
Dibenzofuran	*350*	**1000**	mg/kg	0.23	U	0.71		NT		NT		NT		0.25	U	NT		NT		NT	
2-Methylnaphthalene	*NV*	**NV**	mg/kg	0.28	U	0.25	J	NT		NT		NT		0.3	U	NT		NT		NT	
Carbazole	*NV*	**NV**	mg/kg	0.23	U	0.74		NT		NT		NT		0.064	J	NT		NT		NT	

Notes:
1. Compounds detected in one or more samples are presented on this table. Detections are shown in larger font. Refer to Appendix E for list of all compounds included in analysis.
2. Analytical testing completed by Alpha Analytical, in Westborough, MA.
3. Soil cleanup objectives (SCOs) are from NYSDEC Part 375, Subpart 375-6: Commercial Soil Cleanup Objectives, Industrial Soil Cleanup Objectives, and Protection of Groundwater Standards.
4. ug/kg = part per billion, mg/kg = part per million, bgs = below ground surface.
5. *Italics* indicates values exceeding NYSDEC Commercial Soil Cleanup Objectives.
6. **Bold** indicates values exceeding NYSDEC Industrial Soil Cleanup Objectives.
7. Gray Shading indicates values exceeding NYSDEC Protection of Groundwater Standard.
8. Pink Shading indicates chlorinated compound of concern.
9. Results shown for MW-4-22-24-7715, MW-6-53-55-71515, and MW-7-51-53-71515 (VOCs); and MW-4-4-6-7715 (SVOCs) are the higher of the initial analysis and re-analysis.
10. NT = Not Tested. NV = No Value.
11. U = Value below Method Detection Limits. J = Laboratory qualifier, estimated concentration. E = Concentration exceeds the range of the calibration curve and/or linear range of the instrument.

Table 2
Soil Analytical Data Summary
Off-Site Environmental Characterization Report
Coyne Textile Services
140 Cortland Avenue and 207 West Taylor Street
Syracuse, New York

LOCATION SAMPLING DATE	Part 375 Restricted Use Soil Cleanup Objectives (SCOs)			MW-5-29-31-7915 7/9/2015	Qual	MW-5-35-37-7915 7/9/2015	Qual	MW-5-45-47-7915 7/9/2015	Qual	MW-6-5-7_071315 7/13/2015	Qual	MW-6-13-15_071315 7/13/2015	Qual	MW-6-17-19_071315 7/13/2015	Qual	MW-6-23-25_071315 7/13/2015	Qual	MW-6-31-33_071315 7/13/2015	Qual	MW-6-35-37_071315 7/13/2015	Qual
	NYS Restricted Commercial	NYS Restricted Industrial	Units																		
Volatile Organic Compounds - EPA Method 8260 TCL & STARS (mg/kg)																					
1,1-Dichloroethane	*240*	**480**	mg/kg	0.0019	U	0.0018	U	0.0019	U	0.0021	U	0.0024	U	0.0084	U	0.0019	U	0.0019	U	0.0018	U
Chloroform	*350*	**700**	mg/kg	0.0019	U	0.0018	U	0.0012	J	0.0021	U	0.0024	U	0.0084	U	0.0019	U	0.0019	U	0.0018	U
Tetrachloroethene	*150*	**300**	mg/kg	0.00047	J	0.062		0.0063		0.019		0.0016	U	0.083		0.0013	U	0.0012	U	0.0012	U
Benzene	*44*	**89**	mg/kg	0.0013	U	0.0012	U	0.0012	U	0.0014	U	0.0016	U	0.0028	J	0.0013	U	0.0012	U	0.0012	U
Vinyl chloride	*13*	**27**	mg/kg	0.0025	U	0.0027		0.0014	J	0.0028	U	0.059		0.43		0.0007	J	0.0003	J	0.0025	U
1,1-Dichloroethene	*500*	**1000**	mg/kg	0.0013	U	0.0012	U	0.0012	U	0.0014	U	0.0016	U	0.0047	J	0.0013	U	0.0012	U	0.0012	U
trans-1,2-Dichloroethene	*500*	**1000**	mg/kg	0.0019	U	0.0018	U	0.0019	U	0.0021	U	0.023		0.018		0.0019	U	0.0019	U	0.0018	U
Trichloroethene	*200*	**400**	mg/kg	0.0013	U	0.022		0.0029		0.00098	J	0.0016	U	0.048		0.0013	U	0.0012	U	0.0012	U
cis-1,2-Dichloroethene	*500*	**1000**	mg/kg	0.00063	J	0.03		0.0085		0.0014	U	0.082		1.5		0.0017		0.00048	J	0.0012	U
Acetone	*500*	**1000**	mg/kg	0.013	U	0.012	U	0.012	U	0.014	U	0.038		0.056	U	0.013	U	0.012	U	0.012	U
Carbon disulfide	*NV*	**NV**	mg/kg	0.013	U	0.012	U	0.012	U	0.014	U	0.016	U	0.056	U	0.013	U	0.012	U	0.012	U
2-Butanone	*500*	**1000**	mg/kg	0.013	U	0.012	U	0.012	U	0.014	U	0.0059	J	0.056	U	0.013	U	0.012	U	0.012	U
n-Butylbenzene	*500*	**1000**	mg/kg	0.0013	U	0.0012	U	0.0012	U	0.0014	U	0.0016	U	0.0056	U	0.0013	U	0.0012	U	0.0012	U
sec-Butylbenzene	*500*	**1000**	mg/kg	0.0013	U	0.0012	U	0.0012	U	0.0014	U	0.0016	U	0.0056	U	0.0013	U	0.0012	U	0.0012	U
tert-Butylbenzene	*500*	**1000**	mg/kg	0.0064	U	0.0058	U	0.0062	U	0.0069	U	0.0079	U	0.028	U	0.0064	U	0.0063	U	0.0062	U
Isopropylbenzene	*NV*	**NV**	mg/kg	0.0013	U	0.0012	U	0.0012	U	0.0014	U	0.0016	U	0.0056	U	0.0013	U	0.0012	U	0.0012	U
Naphthalene	*500*	**1000**	mg/kg	0.0064	U	0.0058	U	0.0062	U	0.0069	U	0.0079	U	0.028	U	0.0064	U	0.0063	U	0.0062	U
n-Propylbenzene	*500*	**1000**	mg/kg	0.0013	U	0.0012	U	0.0012	U	0.0014	U	0.0016	U	0.0056	U	0.0013	U	0.0012	U	0.0012	U
1,2,4-Trimethylbenzene	*190*	**380**	mg/kg	0.0064	U	0.0058	U	0.0062	U	0.0069	U	0.0079	U	0.028	U	0.0064	U	0.0063	U	0.0062	U
Methyl cyclohexane	*NV*	**NV**	mg/kg	0.0051	U	0.0047	U	0.005	U	0.0055	U	0.0063	U	0.022	U	0.0051	U	0.005	U	0.0049	U
Semi-Volatile Organic Compounds - EPA Method 8270 (mg/kg)																					
Acenaphthene	*500*	**1000**	mg/kg	NT		NT		NT		0.058	J	NT		NT		NT		NT		NT	
Fluoranthene	*500*	**1000**	mg/kg	NT		NT		NT		0.51		NT		NT		NT		NT		NT	
Naphthalene	*500*	**1000**	mg/kg	NT		NT		NT		0.22	J	NT		NT		NT		NT		NT	
Benzo(a)anthracene	*5.6*	**11**	mg/kg	NT		NT		NT		0.26		NT		NT		NT		NT		NT	
Benzo(a)pyrene	*1*	**1.1**	mg/kg	NT		NT		NT		0.32		NT		NT		NT		NT		NT	
Benzo(b)fluoranthene	*5.6*	**11**	mg/kg	NT		NT		NT		0.25		NT		NT		NT		NT		NT	
Benzo(k)fluoranthene	*56*	**110**	mg/kg	NT		NT		NT		0.24		NT		NT		NT		NT		NT	
Chrysene	*56*	**110**	mg/kg	NT		NT		NT		0.25		NT		NT		NT		NT		NT	
Acenaphthylene	*500*	**1000**	mg/kg	NT		NT		NT		0.051	J	NT		NT		NT		NT		NT	
Anthracene	*500*	**1000**	mg/kg	NT		NT		NT		0.13	J	NT		NT		NT		NT		NT	
Benzo(ghi)perylene	*500*	**1000**	mg/kg	NT		NT		NT		0.2		NT		NT		NT		NT		NT	
Fluorene	*500*	**1000**	mg/kg	NT		NT		NT		0.083	J	NT		NT		NT		NT		NT	
Phenanthrene	*500*	**1000**	mg/kg	NT		NT		NT		0.42		NT		NT		NT		NT		NT	
Dibenzo(a,h)anthracene	*0.56*	**1.1**	mg/kg	NT		NT		NT		0.052	J	NT		NT		NT		NT		NT	
Indeno(1,2,3-cd)pyrene	*5.6*	**11**	mg/kg	NT		NT		NT		0.17	J	NT		NT		NT		NT		NT	
Pyrene	*500*	**1000**	mg/kg	NT		NT		NT		0.44		NT		NT		NT		NT		NT	
Dibenzofuran	*350*	**1000**	mg/kg	NT		NT		NT		0.23	U	NT		NT		NT		NT		NT	
2-Methylnaphthalene	*NV*	**NV**	mg/kg	NT		NT		NT		0.27	U	NT		NT		NT		NT		NT	
Carbazole	*NV*	**NV**	mg/kg	NT		NT		NT		0.068	J	NT		NT		NT		NT		NT	

Notes:
1. Compounds detected in one or more samples are presented on this table. Detections are shown in larger font. Refer to Appendix E for list of all compounds included in analysis.
2. Analytical testing completed by Alpha Analytical, in Westborough, MA.
3. Soil cleanup objectives (SCOs) are from NYSDEC Part 375, Subpart 375-6: Commercial Soil Cleanup Objectives, Industrial Soil Cleanup Objectives, and Protection of Groundwater Standards.
4. ug/kg = part per billion, mg/kg = part per million, bgs = below ground surface.
5. *Italics* indicates values exceeding NYSDEC Commercial Soil Cleanup Objectives.
6. **Bold** indicates values exceeding NYSDEC Industrial Soil Cleanup Objectives.
7. Gray Shading indicates values exceeding NYSDEC Protection of Groundwater Standard.
8. Pink Shading indicates chlorinated compound of concern.
9. Results shown for MW-4-22-24-7715, MW-6-53-55-71515, and MW-7-51-53-71515 (VOCs); and MW-4-4-6-7715 (SVOCs) are the higher of the initial analysis and re-analysis.
10. NT = Not Tested. NV = No Value.
11. U = Value below Method Detection Limits. J = Laboratory qualifier, estimated concentration. E = Concentration exceeds the range of the calibration curve and/or linear range of the instrument.

Table 2
Soil Analytical Data Summary
Off-Site Environmental Characterization Report
Coyne Textile Services
140 Cortland Avenue and 207 West Taylor Street
Syracuse, New York

LOCATION SAMPLING DATE	Part 375 Restricted Use Soil Cleanup Objectives (SCOs) NYS Restricted Commercial	NYS Restricted Industrial	Units	MW-6-49-51_071315 7/13/2015	Qual	MW-6-53-55_071315 7/13/2015	Qual	MW-7-7-9-71515 7/15/2015	Qual	MW-7-19-21-71515 7/15/2015	Qual	FIELD DUPLICATE (MW-7-19-21-71515) 7/15/2015	Qual	MW-7-21-23-71515 7/15/2015	Qual	MW-7-29-31-71515 7/15/2015	Qual	MW-7-41-43-71515 7/15/2015	Qual	MW-7-51-53-71515 7/15/2015	Qual
Volatile Organic Compounds - EPA Method 8260 TCL & STARS (mg/kg)																					
1,1-Dichloroethane	*240*	**480**	mg/kg	0.0018	U	0.0018	U	0.0053	U	0.0017	U	0.0083	U	0.002	U	0.0019	U	0.0019	U	0.0018	U
Chloroform	*350*	**700**	mg/kg	0.0018	U	0.0018	U	0.0053	U	0.0017	U	0.0083	U	0.002	U	0.0019	U	0.0019	U	0.0018	U
Tetrachloroethene	*150*	**300**	mg/kg	0.0012	U	0.0012	U	0.0036	U	0.0011	U	0.0055	U	0.0013	U	0.0012	U	0.0012	U	0.0012	U
Benzene	*44*	**89**	mg/kg	0.0012	U	0.0012	U	0.0036	U	0.00059	J	0.0048	J	0.0013	U	0.0012	U	0.0012	U	0.0012	U
Vinyl chloride	*13*	**27**	mg/kg	0.0025	U	0.00031	J	0.0071	U	0.095		0.75		0.091		0.0025	U	0.0025	U	0.00049	J
1,1-Dichloroethene	*500*	**1000**	mg/kg	0.0012	U	0.0012	U	0.0036	U	0.0005	J	0.0047	J	0.0013	U	0.0012	U	0.0012	U	0.0012	U
trans-1,2-Dichloroethene	*500*	**1000**	mg/kg	0.0018	U	0.0018	U	0.0053	U	0.0022		0.015		0.002	U	0.0019	U	0.0019	U	0.0018	U
Trichloroethene	*200*	**400**	mg/kg	0.0012	U	0.0012	U	0.0036	U	0.0011	U	0.0055	U	0.0013	U	0.0012	U	0.0012	U	0.0012	U
cis-1,2-Dichloroethene	*500*	**1000**	mg/kg	0.0012	U	0.0003	J	0.0036	U	0.26		1.6		0.00043	J	0.0012	U	0.0012	U	0.00033	J
Acetone	*500*	**1000**	mg/kg	0.012	U	0.012	U	0.086		0.011	U	0.055	U	0.013	U	0.012	U	0.012	U	0.012	U
Carbon disulfide	*NV*	**NV**	mg/kg	0.012	U	0.012	U	0.036	U	0.0027	J	0.029	J	0.013	U	0.012	U	0.012	U	0.012	U
2-Butanone	*500*	**1000**	mg/kg	0.012	U	0.012	U	0.019	J	0.011	U	0.055	U	0.013	U	0.012	U	0.012	U	0.012	U
n-Butylbenzene	*500*	**1000**	mg/kg	0.0012	U	0.0012	U	0.056		0.0011	U	0.0055	U	0.0013	U	0.0012	U	0.0012	U	0.0012	U
sec-Butylbenzene	*500*	**1000**	mg/kg	0.0012	U	0.0012	U	0.076		0.0011	U	0.0055	U	0.0013	U	0.0012	U	0.0012	U	0.0012	U
tert-Butylbenzene	*500*	**1000**	mg/kg	0.0062	U	0.0061	U	0.0028	J	0.0056	U	0.028	U	0.0067	U	0.0062	U	0.0062	U	0.0062	U
Isopropylbenzene	*NV*	**NV**	mg/kg	0.0012	U	0.0012	U	0.021		0.0011	U	0.0055	U	0.0013	U	0.0012	U	0.0012	U	0.0012	U
Naphthalene	*500*	**1000**	mg/kg	0.0062	U	0.0061	U	0.018	U	0.0056	U	0.028	U	0.0067	U	0.0062	U	0.0062	U	0.0062	U
n-Propylbenzene	*500*	**1000**	mg/kg	0.0012	U	0.0012	U	0.014		0.0011	U	0.0055	U	0.0013	U	0.0012	U	0.0012	U	0.0012	U
1,2,4-Trimethylbenzene	*190*	**380**	mg/kg	0.0062	U	0.0061	U	0.018	U	0.0056	U	0.028	U	0.0067	U	0.0062	U	0.0062	U	0.0062	U
Methyl cyclohexane	*NV*	**NV**	mg/kg	0.0049	U	0.0049	U	0.0045	J	0.0044	U	0.022	U	0.0053	U	0.005	U	0.005	U	0.0049	U
Semi-Volatile Organic Compounds - EPA Method 8270 (mg/kg)																					
Acenaphthene	*500*	**1000**	mg/kg	NT		NT		0.048	J	NT		NT		NT		NT		NT		NT	
Fluoranthene	*500*	**1000**	mg/kg	NT		NT		0.32		NT		NT		NT		NT		NT		NT	
Naphthalene	*500*	**1000**	mg/kg	NT		NT		0.24		NT		NT		NT		NT		NT		NT	
Benzo(a)anthracene	*5.6*	**11**	mg/kg	NT		NT		0.17		NT		NT		NT		NT		NT		NT	
Benzo(a)pyrene	*1*	**1.1**	mg/kg	NT		NT		0.19		NT		NT		NT		NT		NT		NT	
Benzo(b)fluoranthene	*5.6*	**11**	mg/kg	NT		NT		0.16		NT		NT		NT		NT		NT		NT	
Benzo(k)fluoranthene	*56*	**110**	mg/kg	NT		NT		0.16		NT		NT		NT		NT		NT		NT	
Chrysene	*56*	**110**	mg/kg	NT		NT		0.17		NT		NT		NT		NT		NT		NT	
Acenaphthylene	*500*	**1000**	mg/kg	NT		NT		0.19	U	NT		NT		NT		NT		NT		NT	
Anthracene	*500*	**1000**	mg/kg	NT		NT		0.078	J	NT		NT		NT		NT		NT		NT	
Benzo(ghi)perylene	*500*	**1000**	mg/kg	NT		NT		0.11	J	NT		NT		NT		NT		NT		NT	
Fluorene	*500*	**1000**	mg/kg	NT		NT		0.08	J	NT		NT		NT		NT		NT		NT	
Phenanthrene	*500*	**1000**	mg/kg	NT		NT		0.29		NT		NT		NT		NT		NT		NT	
Dibenzo(a,h)anthracene	*0.56*	**1.1**	mg/kg	NT		NT		0.14	U	NT		NT		NT		NT		NT		NT	
Indeno(1,2,3-cd)pyrene	*5.6*	**11**	mg/kg	NT		NT		0.1	J	NT		NT		NT		NT		NT		NT	
Pyrene	*500*	**1000**	mg/kg	NT		NT		0.29		NT		NT		NT		NT		NT		NT	
Dibenzofuran	*350*	**1000**	mg/kg	NT		NT		0.23	U	NT		NT		NT		NT		NT		NT	
2-Methylnaphthalene	*NV*	**NV**	mg/kg	NT		NT		0.22	J	NT		NT		NT		NT		NT		NT	
Carbazole	*NV*	**NV**	mg/kg	NT		NT		0.23	U	NT		NT		NT		NT		NT		NT	

Notes:
1. Compounds detected in one or more samples are presented on this table. Detections are shown in larger font. Refer to Appendix E for list of all compounds included in analysis.
2. Analytical testing completed by Alpha Analytical, in Westborough, MA.
3. Soil cleanup objectives (SCOs) are from NYSDEC Part 375, Subpart 375-6: Commercial Soil Cleanup Objectives, Industrial Soil Cleanup Objectives, and Protection of Groundwater Standards.
4. ug/kg = part per billion, mg/kg = part per million, bgs = below ground surface.
5. *Italics* indicates values exceeding NYSDEC Commercial Soil Cleanup Objectives.
6. **Bold** indicates values exceeding NYSDEC Industrial Soil Cleanup Objectives.
7. Gray Shading indicates values exceeding NYSDEC Protection of Groundwater Standard.
8. Pink Shading indicates chlorinated compound of concern.
9. Results shown for MW-4-22-24-7715, MW-6-53-55-71515, and MW-7-51-53-71515 (VOCs); and MW-4-4-6-7715 (SVOCs) are the higher of the initial analysis and re-analysis.
10. NT = Not Tested. NV = No Value.
11. U = Value below Method Detection Limits. J = Laboratory qualifier, estimated concentration. E = Concentration exceeds the range of the calibration curve and/or linear range of the instrument.

Table 3
Groundwater Analytical Data Summary
Off-Site Environmental Characterization Report
Coyne Textile Services
140 Cortland Avenue and 207 West Taylor Street
Syracuse, New York

LOCATION SAMPLING DATE	NY-Class GA Criteria	Units	MW-4-72015 7/20/2015	Qual	MW-5A-72015 7/20/2015	Qual	FIELD DUPLICATE 002 7/20/2015	Qual	MW-5B-72115 7/21/2015	Qual	MW-5C-72115 7/21/2015	Qual	MW-6A-72115 7/21/2015	Qual	MW-6B-72315 7/23/2015	Qual	MW-6C-72315 7/23/2015	Qual	MW-7A-72215 7/22/2015	Qual	MW-7B-72215 7/22/2015	Qual	MW-7C-72215 7/22/2015	Qual
Volatile Organic Compounds - EPA Method 8260 TCL (µg/l)																								
Chloroform	7	ug/l	2.5	U	25	U	25	U	2.5	U	2.5	U	250	U	120	U	25	U	10	U	2.5		0.83	J
Tetrachloroethene	5	ug/l	0.5	U	2900	E	3100	E	5.7		2.7		34	J	27		5	U	2	U	0.5	U	0.5	U
Benzene	1	ug/l	0.92		4.4	J	4.3	J	0.5	U	0.5	U	50	U	25	U	5	U	0.74	J	0.2	J	0.5	U
Vinyl chloride	2	ug/l	3.3		110		110		1.1		0.5	J	2000		3200		10	U	500		210	E	0.87	J
1,1-Dichloroethene	5	ug/l	0.5	U	6.5		5	U	0.5	U	0.5	U	50	U	15	J	5	U	2	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	5	ug/l	2.5	U	12	J	14	J	2.5	U	2.5	U	230	J	150		25	U	10	U	1.1	J	2.5	U
Trichloroethene	5	ug/l	0.5	U	1900		2000		2.2		1.6		260		290		5	U	2	U	0.5	U	0.5	U
cis-1,2-Dichloroethene	5	ug/l	3.7		2400	E	2400	E	6.1		4.2		5300		5600		25	U	460		180		1.4	J
Acetone	50	ug/l	1.6	J	50	U	50	U	4.8	J	5	U	500	U	250	U	50	U	14	J	16		2.3	J
Carbon disulfide	60	ug/l	5	U	50	U	50	U	5	U	5	U	500	U	250	U	50	U	20	U	6.4		1	J
2-Butanone	50	ug/l	5	U	50	U	50	U	5	U	5	U	500	U	250	U	50	U	20	U	1.9	J	5	U

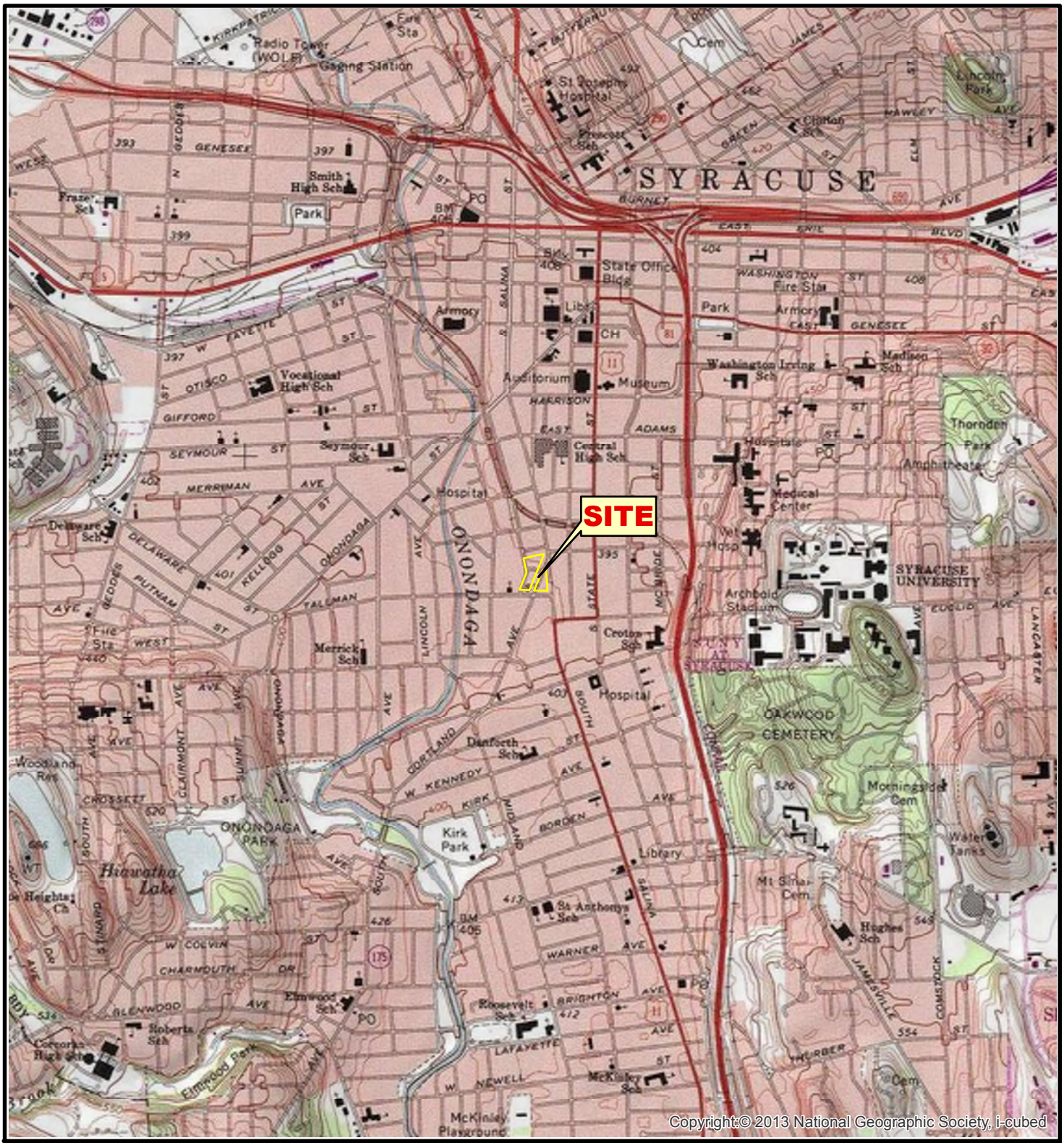
Notes:
1. Compounds detected in one or more samples are presented on this table. Refer to Appendix E for list of all compounds included in analysis.
2. Analytical testing completed byAlpha Analytical, in Westborough, MA.
3. New York State Department of Environmental Conservation Class GA criteria obtained from Division of Water Technical and Operational Guidance Series (TOGS 1.1.1) dated October 1993, revised June 1998, January 1999 errata sheet and April 2000 addendum.
4. ug/L = part per billion (ppb).
5. Gray shading indicates values exceeding NYSDEC Class GA groundwater criteria.
6. Pink shading indicates chlorinated compound of concern.
7. NT = Not tested.
8. Field Duplicate 002 is associated with the groundwater sample collected from MW-5A
9. U = Value below Method Detection Limits. J = Laboratory qualifier, estimated concentration. E = Concentration exceeds the range of the calibration curve and/or linear range of the instrument.

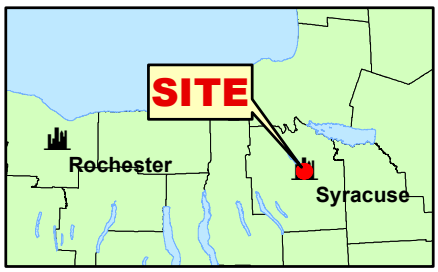
Table 4
Groundwater Monitored Natural Attenuation Parameters Analytical Data Summary
Off-Site Environmental Characterization Report
Coyne Textile Services
140 Cortland Avenue and 207 West Taylor Street
Syracuse, New York

LOCATION SAMPLING DATE	MW-4-72015 7/17/2015	Qual	MW-5A-72015 7/20/2015	Qual	FIELD DUPLICATE 002 7/20/2015	Qual	MW-5B-72115 7/21/2015	Qual	MW-5C-72115 7/21/2015	Qual	MW-6A-72115 7/21/2015	Qual	MW-6B-72315 7/23/2015	Qual	MW-6C-72315 7/23/2015	Qual	MW-7A-72215 7/22/2015	Qual	MW-7B-72215 7/22/2015	Qual	MW-7C-72215 7/22/2015	Qual	Equipment Blank 001 7/23/2015	Qual
Field Parameters																								
Temperature (Deg. C)	23.12		21.1		-		18.3		17.9		20.4		20.1		22.8		26.3		26.9		19.1		-	
Specific Conductance (mS/cm)	3.53		3.5		-		2.48		2.75		3.42		3.6		2.95		2.62		2.63		2.74		-	
Dissolved Oxygen (mg/L)	0.49		1.24		-		0.38		2.76		0.31		0.21		0.96		0.06		0.2		0.24		-	
Oxygen Reduction Potential (mv)	-49.8		-117.2		-		-161.2		-103.5		-62.6		-117.9		-108.2		-140.6		-30.4		-111.1		-	
pH (std. units)	6.8		6.94		-		7.04		7.08		6.83		6.83		6.95		6.78		6.9		6.88		-	
Turbidity (NTUs)	17.8		46.9		-		5.2		46.2		16.2		4.4		45.1		73		140		93		-	
Dissolved Gases - EPA Method RSK 175 (ug/L)																								
Ethane	104		82.6		69.8		1.43		1.51		1080		728		2		17.4		3.07		0.814		0.5	U
Ethene	14.9		32.3		27.8		0.5	U	0.5	U	625		593		1.05		56.8		12.5		0.5	U	0.5	U
Methane	1260		619		526		107		47.7		5700		3880		16.9		3030		207		37.7		0.5	U
Total Metals - EPA Method 6010 (ug/L)																								
Iron, Total	2970		2660		1970		3990		1110		3940		2490		1450		9500		3540		4780		50	U
Manganese, Total	450		356.9		363.7		152		156.3		364		336.2		92.17		749.1		403.1		197		0.3	J
Alkalinity - EPA Method 310.1 (mg/L)																								
Alkalinity, Total	613		467		446		338		311		560		528		309		540		446		292		2	U
Total Organic Carbon - EPA Method 6090 (ug/L)																								
Total Organic Carbon	14000		9400		8900		4000		1600		18000		13000		3000		23000		19000		5600		200	J
Nitrate - EPA Method 353.2 (ug/L)																								
Nitrogen, Nitrate	22	J	84	J	32	J	130		50	J	430		56	J	31	J	58	J	85	J	59	J	50	J
Sulfate - EPA Method 300																								
Sulfate	42600		72400		72500		182000		670000		58000		68100		719000		150000		283000		682000		622	J

Notes:
1. Compounds detected in one or more samples are presented on this table. Refer to Appendix E for list of all compounds included in analysis.
2. Analytical testing completed byAlpha Analytical, in Westborough, MA.
3. mg/L = part per million (ppm); ug/L = part per billion (ppb).
4. NV = No Value. U = Value below Method Detection Limits. J = Laboratory qualifier, estimated concentration.
5. Results shown for MW-7A are the higher of the initial analysis and re-analysis.
6. Field Duplicate 002 is associated with the groundwater sample collected from MW-5A.

FIGURES





SOURCE : THIS MAP CONTAINS THE ESRI ARCGIS ONLINE WORLD TOPOGRAPHIC MAP SERVICE, PUBLISHED FEBRUARY 2011 BY ESRI ARCIMS SERVICES. THE SERVICE WAS COMPILED TO UNIFORM CARTOGRAPHY USING A VARIETY OF BEST AVAILABLE SOURCES FROM SEVERAL DATA PROVIDERS.

0 1,000 2,000 4,000 6,000 FEET

1:24,000 | 1 INCH = 2,000 FEET

Data Supplied by : esri

N W E S

PROJ MGR: TB	REVIEWED BY: TB	140 CORTLAND AVE SYRACUSE, NEW YORK 13202	JOB NO. 21.0056730.40
DESIGNED BY: TB	DRAWN BY: PCF		
GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com	DATE: AUGUST 2015	SITE LOCUS	FIGURE NO. 1

© 2015 - GZA GeoEnvironmental, Inc. T:\Clients\Coyne\Offsite_MWInstallation\MXDs\Figure1_LocusMap.mxd, 8/5/2015, 10:29:12 AM, patrick.finnerty

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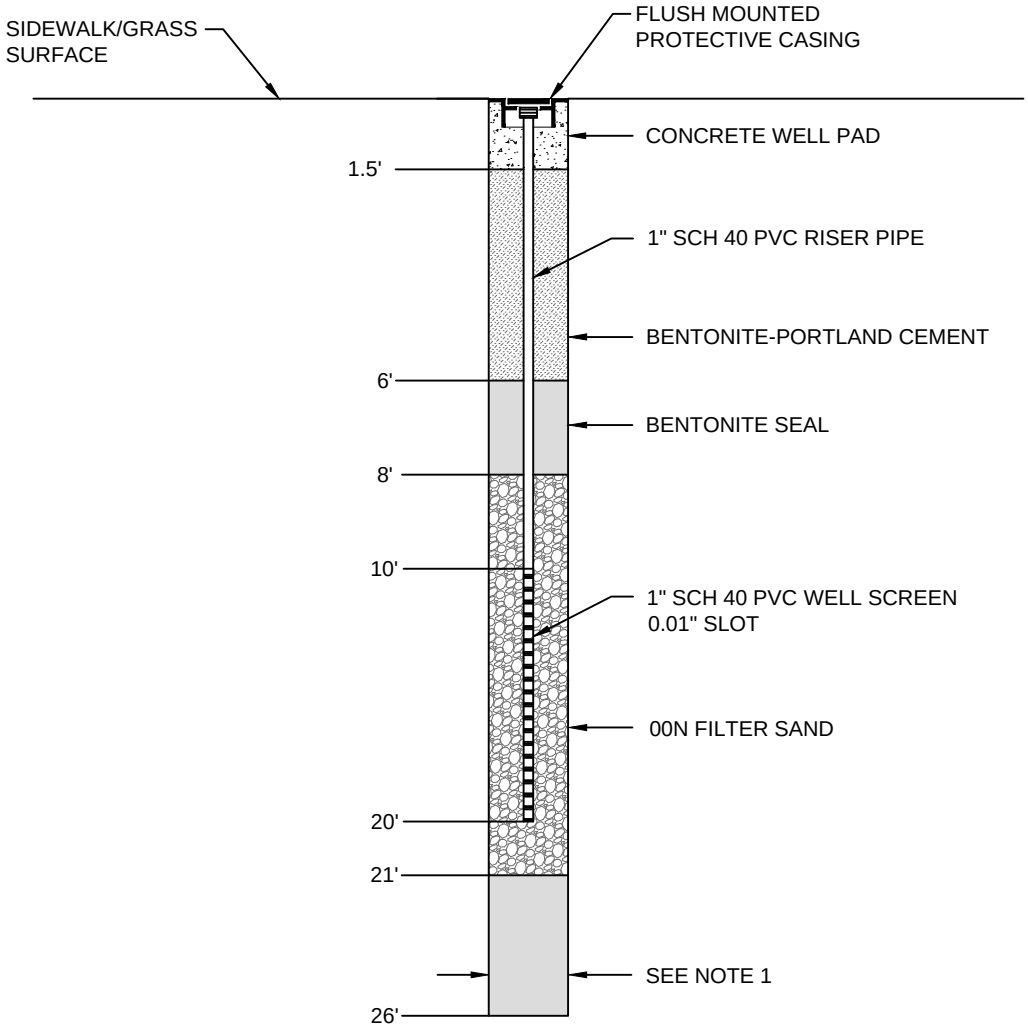
140 CORTLAND AVENUE
SYRACUSE, NEW YORK 13202

SITE PLAN

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com		PREPARED FOR: COYNE TEXTILE SERVICES	
PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BK	FIGURE
DESIGNED BY: TB	DRAWN BY: PCF	SCALE: 1 in = 60 ft	2
DATE: AUGUST 2015	PROJECT NO. 21.0056730.40	REVISION NO.	

© 2015 - GZA GeoEnvironmental, Inc. T:\Clients\Coyne\Offsite_MWInstallation\MXDs\Figure2_SoilAnalyticalShallow.mxd, 8/5/2015, 10:23:07 AM, patrick.finnerty



NOTES:.

1. OVERBURDEN DRILLED WITH 6 1/4 INCH I.D. HOLLOW STEM AUGERS TO A DEPTH OF 26.0 FEET BELOW GROUND SURFACE.

2. DRAWING IS NOT TO SCALE. WELL HAS BEEN DEPICTED WITH HORIZONTAL EXAGGERATION FOR PURPOSES OF PRESENTATION.

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PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com

PROJ MGR: TB | REVIEWED BY: TB | CHECKED BY: BK
DESIGNED BY: TGB | DRAWN BY: MR | SCALE: NOT TO SCALE
DATE: AUGUST 2015 | PROJECT NO. 21.0056730.40 | REVISION NO.

FIGURE 3A

COYNE TEXTILE SERVICES
140 CORTLAND AVENUE
CITY OF SYRACUSE, NEW YORK

MW-4 MONITORING WELL INSTALLATION DIAGRAM

NO.	ISSUE/DESCRIPTION	BY	DATE

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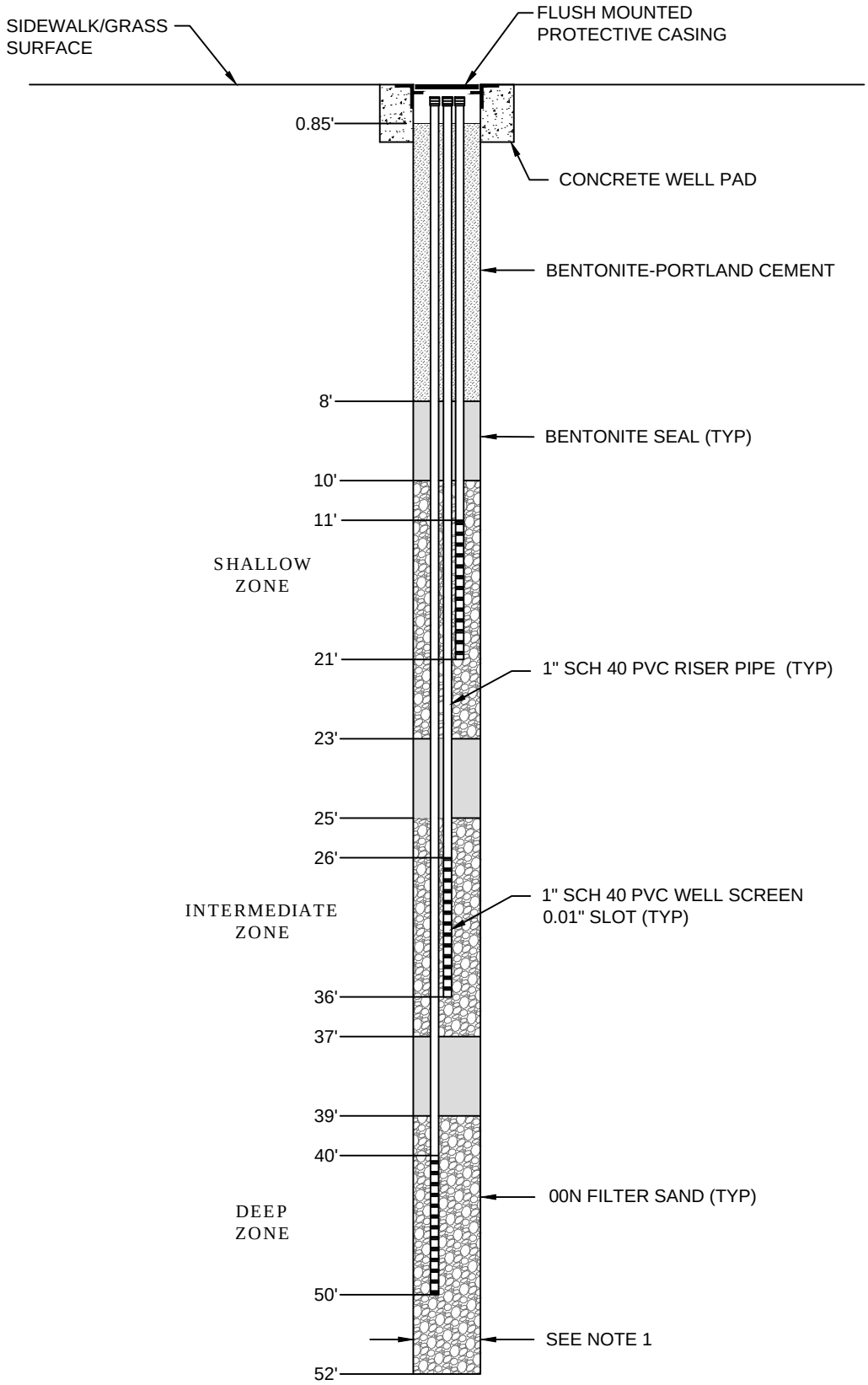
©2015 – GZA GeoEnvironmental, Inc. GZA-J:\Branch\Syracuse\21.0056730.40\Figure 2 - Proposed Monitoring Well Installation Diagram.dwg [MW-4] August 13, 2015 - 1:47pm deborah.landi



NOTES:.

1. OVERBURDEN DRILLED WITH 6 1/4 INCH I.D. HOLLOW STEM AUGERS TO A DEPTH OF 52.0 FEET BELOW GROUND SURFACE.

2. DRAWING IS NOT TO SCALE. WELL HAS BEEN DEPICTED WITH HORIZONTAL EXAGGERATION FOR PURPOSES OF PRESENTATION.

PREPARED FOR: COYNE TEXTILE SERVICES

FIGURE 3B

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com

PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BK	
DESIGNED BY: TGB	DRAWN BY: MR	SCALE: NOT TO SCALE	
DATE: AUGUST 2015	PROJECT NO. 21.0056730.40	REVISION NO.	

COYNE TEXTILE SERVICES
140 CORTLAND AVENUE
CITY OF SYRACUSE, NEW YORK

MW-5 NESTED MONITORING WELL INSTALLATION DIAGRAM

NO.	ISSUE/DESCRIPTION	BY	DATE

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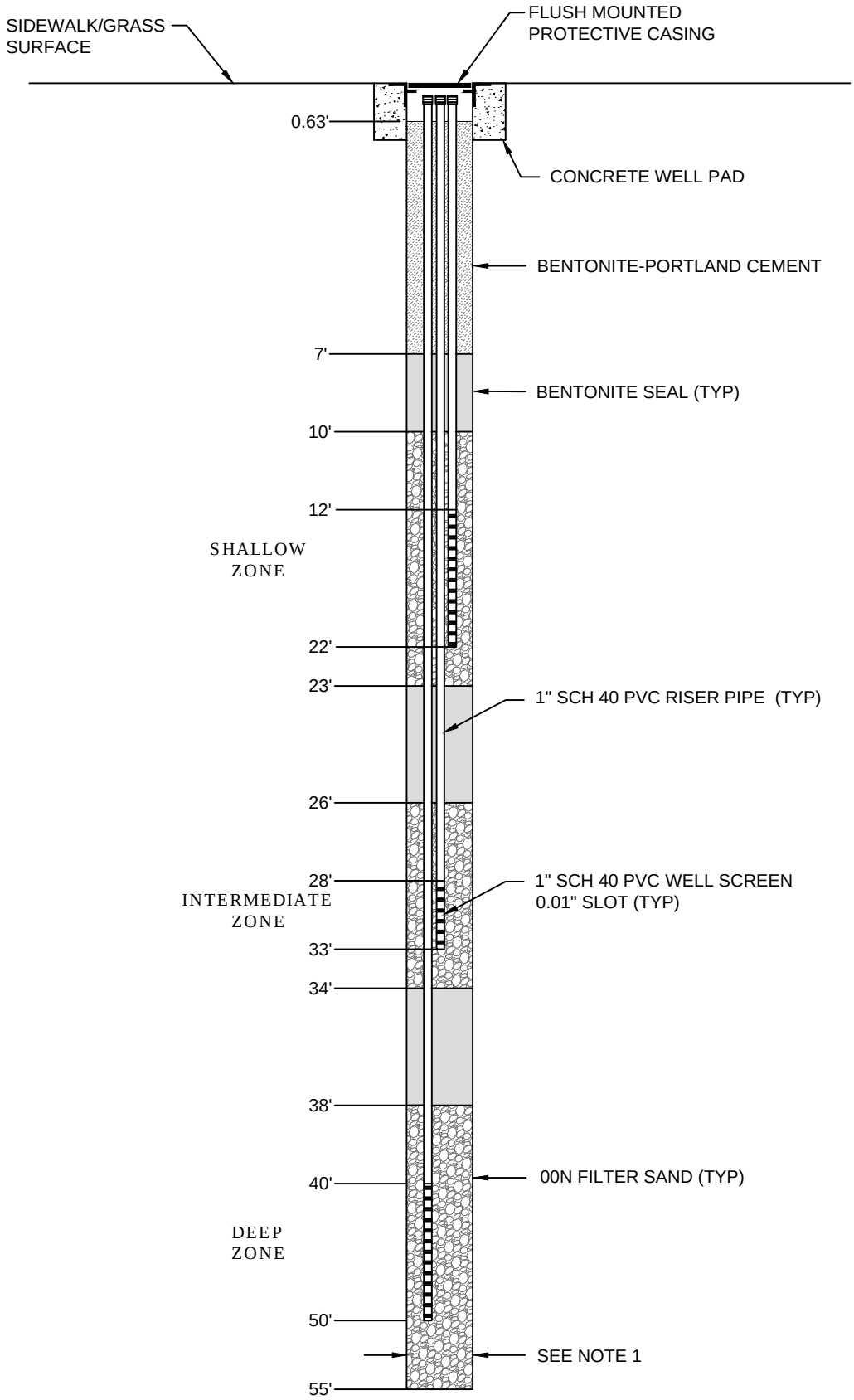
©2015 – GZA GeoEnvironmental, Inc. GZA-J:\Branch\Syracuse\21.0056730.40\Figure 2 - Proposed Monitoring Well Installation Diagram.dwg [MW-5] August 13, 2015 - 1:48pm deborah.landi



NOTES:.

1. OVERBURDEN DRILLED WITH 6 1/4 INCH I.D. HOLLOW STEM AUGERS TO A DEPTH OF 55.0 FEET BELOW GROUND SURFACE.

2. DRAWING IS NOT TO SCALE. WELL HAS BEEN DEPICTED WITH HORIZONTAL EXAGGERATION FOR PURPOSES OF PRESENTATION.

PREPARED FOR: COYNE TEXTILE SERVICES

FIGURE 3C

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com

PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BK	
DESIGNED BY: TGB	DRAWN BY: MR	SCALE: NOT TO SCALE	
DATE: AUGUST 2015	PROJECT NO. 21.0056730.40	REVISION NO.	

COYNE TEXTILE SERVICES
140 CORTLAND AVENUE
CITY OF SYRACUSE, NEW YORK

MW-6 NESTED MONITORING WELL INSTALLATION DIAGRAM

NO.	ISSUE/DESCRIPTION	BY	DATE

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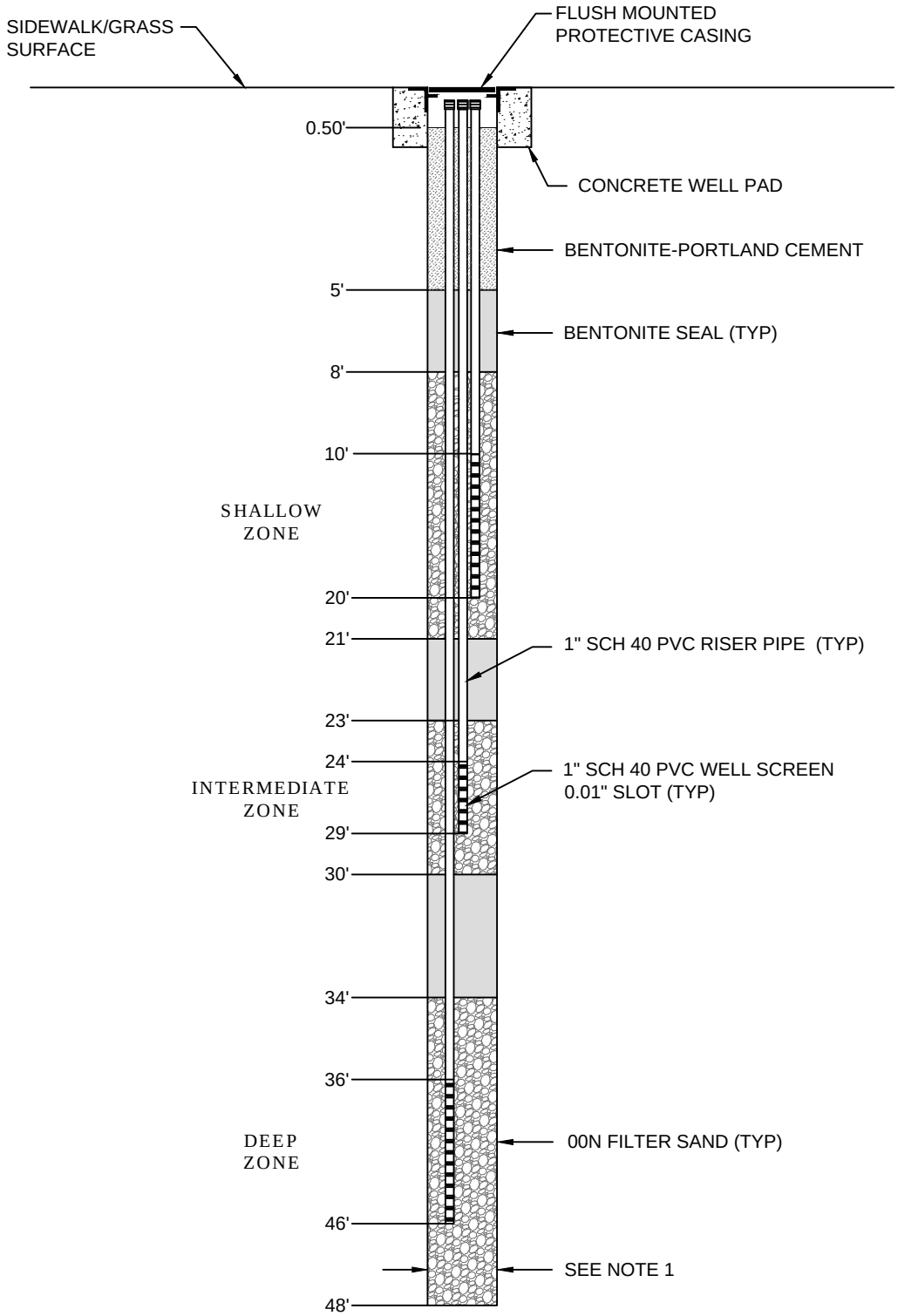

NOTES:.

1. OVERBURDEN DRILLED WITH 6 1/4 INCH I.D. HOLLOW STEM AUGERS TO A DEPTH OF 48.0 FEET BELOW GROUND SURFACE.

2. DRAWING IS NOT TO SCALE. WELL HAS BEEN DEPICTED WITH HORIZONTAL EXAGGERATION FOR PURPOSES OF PRESENTATION.

PREPARED FOR: COYNE TEXTILE SERVICES

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com

PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BK	FIGURE 3D
DESIGNED BY: TGB	DRAWN BY: MR	SCALE: NOT TO SCALE	
DATE: AUGUST 2015	PROJECT NO. 21.0056730.40	REVISION NO.	

COYNE TEXTILE SERVICES
140 CORTLAND AVENUE
CITY OF SYRACUSE, NEW YORK

MW-7 NESTED MONITORING WELL INSTALLATION DIAGRAM

NO.	ISSUE/DESCRIPTION	BY	DATE

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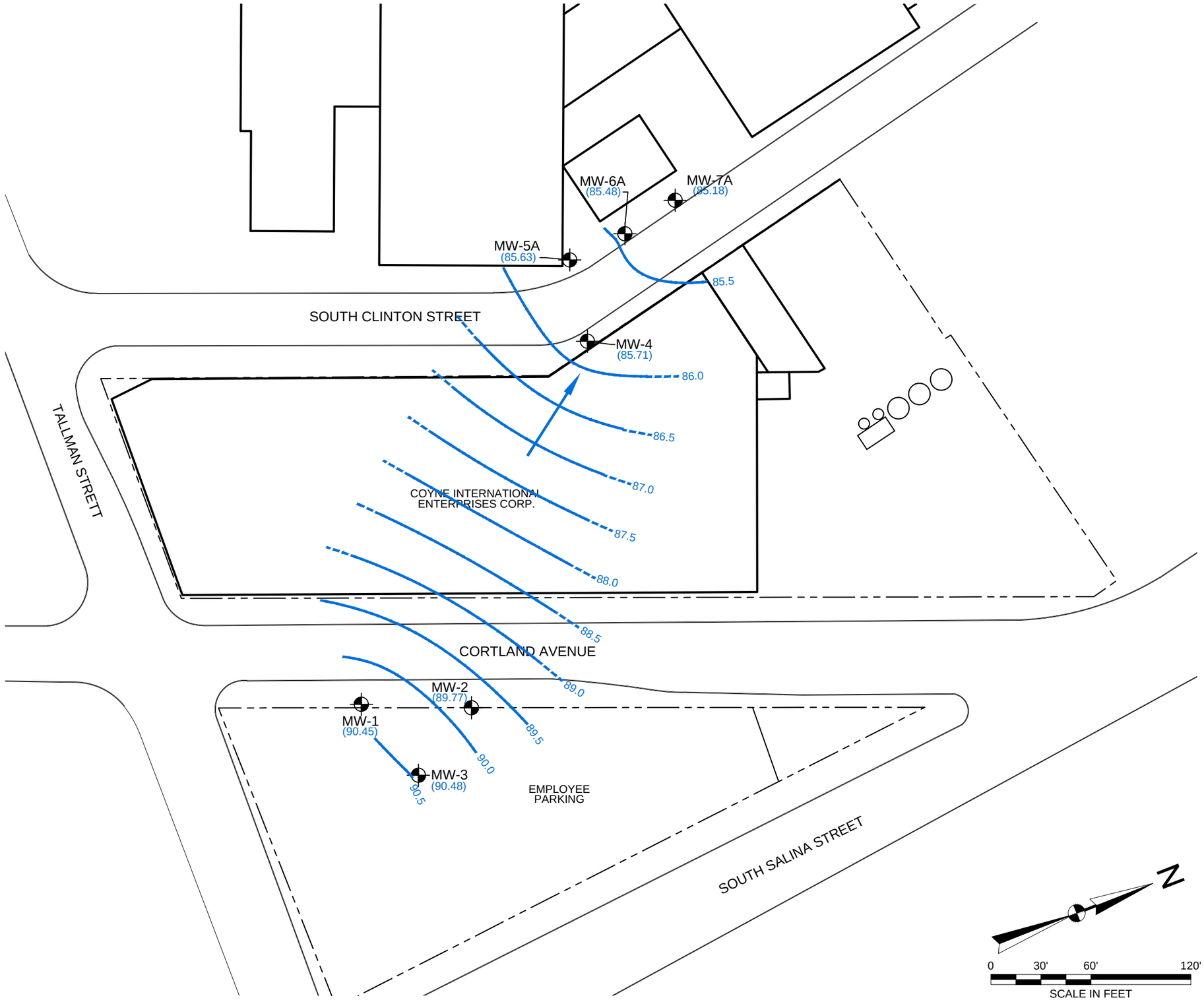

LEGEND:

- APPROXIMATE SITE BOUNDARY
- BUILDING LOCATION
- MW-7A — MONITORING WELL LOCATION
- 85.3 — SHALLOW GROUNDWATER CONTOUR (INTERVAL 0.1')
- (85.18) GROUNDWATER ELEVATION (FEET)
- GROUNDWATER FLOW DIRECTION

NOTES:

1. RELATIVE ELEVATION IS BASED OFF OF A BOLT 2.37 FT FROM GROUND SURFACE ON THE UPPER FLANGE, LOCATED ON THE WESTERN SIDE OF THE FIRE HYDRANT. THIS BOLT IS MARKED WITH A "X" AND IS ASSUMED TO BE A 100 FT.
2. BASE MAP DEVELOPED FROM A GOOGLE PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS COLLECTED ON AUGUST 5, 2015.
3. THE LOCATION OF THE MONITORING WELLS WERE DETERMINED BY GPS FROM EXISTING TOPOGRAPHIC FEATURES. THESE DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

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SYRACUSE, NEW YORK 13202

SHALLOW GROUNDWATER CONTOURS
AUGUST 12, 2015

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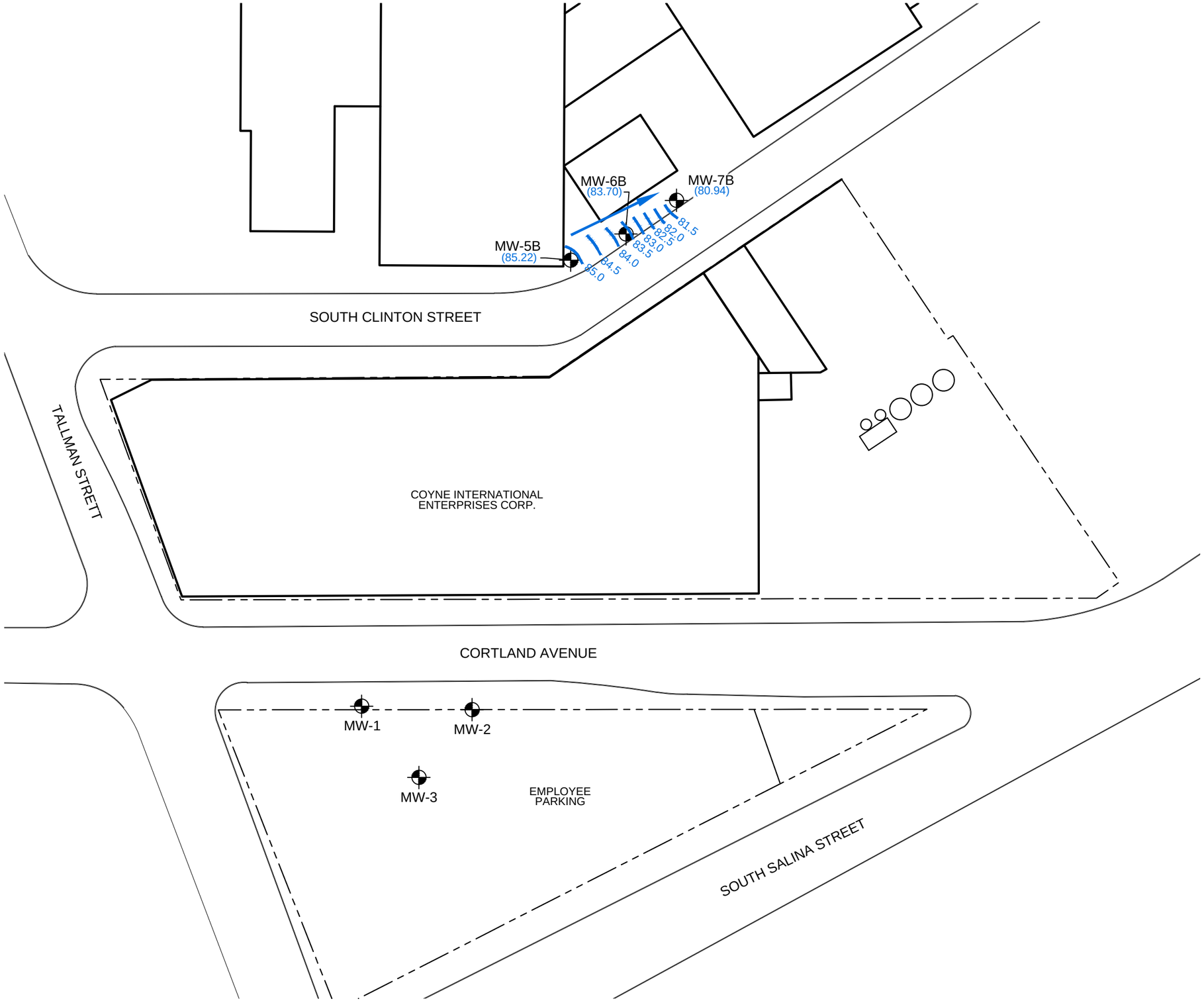
PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BK	FIGURE 4A
DESIGNED BY: TB	DRAWN BY: EM	SCALE: 1" = 60'	
DATE: AUGUST 2015	PROJECT NO. 21.0056730.40	REVISION NO.	SHEET NO.

©2015 – GZA GeoEnvironmental, Inc. GZA–J:\56000's\21.0056730.40\Figures\CAD\56730.40.001.dwg [FIG–4A] August 14, 2015 – 3:24pm edward.morris



LEGEND:

- APPROXIMATE SITE BOUNDARY
- BUILDING LOCATION
- MW-7B — MONITORING WELL LOCATION
- 85.0 — INTERMEDIATE GROUNDWATER CONTOUR (INTERVAL 0.5')
- (80.94) GROUNDWATER ELEVATION (FEET)
- GROUNDWATER FLOW DIRECTION

NOTES:

1. RELATIVE ELEVATION IS BASED OFF OF A BOLT 2.37 FT FROM GROUND SURFACE ON THE UPPER FLANGE, LOCATED ON THE WESTERN SIDE OF THE FIRE HYDRANT. THIS BOLT IS MARKED WITH A "X" AND IS ASSUMED TO BE A 100 FT.
2. BASE MAP DEVELOPED FROM A GOOGLE PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS COLLECTED ON AUGUST 5, 2015.
3. THE LOCATION OF THE MONITORING WELLS WERE DETERMINED BY GPS FROM EXISTING TOPOGRAPHIC FEATURES. THESE DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

N

0 30' 60' 120'

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

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SYRACUSE, NEW YORK 13202

INTERMEDIATE GROUNDWATER CONTOURS
AUGUST 12, 2015

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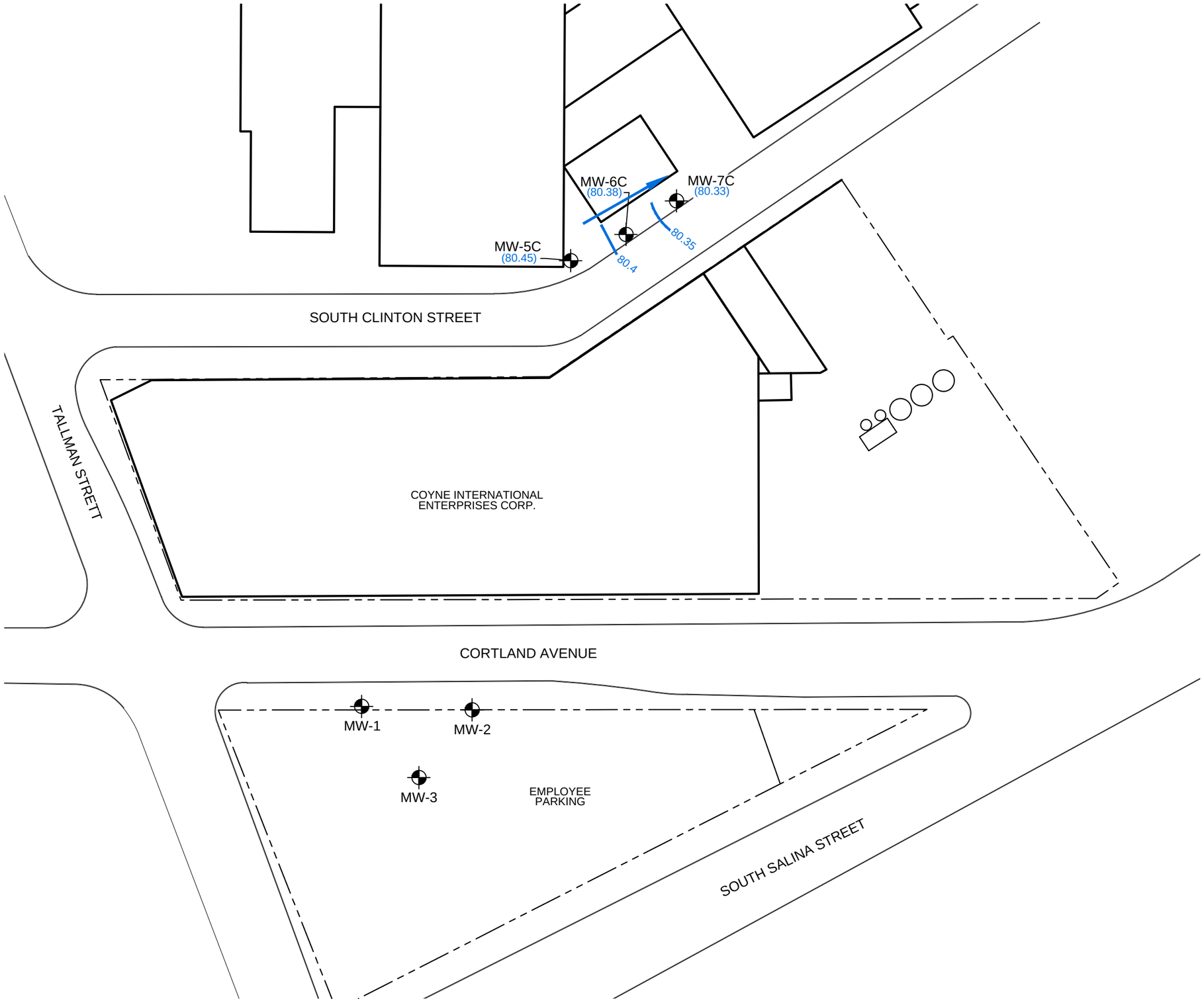
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
COYNE TEXTILE SERVICES

PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BK	FIGURE
DESIGNED BY: TB	DRAWN BY: TM	SCALE: 1" = 60'	4B
DATE: AUGUST 2015	PROJECT NO. 21.0056730.40	REVISION NO.	SHEET NO.

©2015 – GZA GeoEnvironmental, Inc. GZA–J:\56000's\21.0056730.40\Figures\CAD\56730.40.001.dwg [FIG–4B] August 13, 2015 – 3:51pm edward.morris



LEGEND:

- APPROXIMATE SITE BOUNDARY
- BUILDING LOCATION
- MW-7B — MONITORING WELL LOCATION
- 85.0 — INTERMEDIATE GROUNDWATER CONTOUR (INTERVAL 0.05')
- (80.94) GROUNDWATER ELEVATION (FEET)
- GROUNDWATER FLOW DIRECTION

NOTES:

1. RELATIVE ELEVATION IS BASED OFF OF A BOLT 2.37 FT FROM GROUND SURFACE ON THE UPPER FLANGE, LOCATED ON THE WESTERN SIDE OF THE FIRE HYDRANT. THIS BOLT IS MARKED WITH A "X" AND IS ASSUMED TO BE A 100 FT.
2. BASE MAP DEVELOPED FROM A GOOGLE PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS COLLECTED ON AUGUST 5, 2015.
3. THE LOCATION OF THE MONITORING WELLS WERE DETERMINED BY GPS FROM EXISTING TOPOGRAPHIC FEATURES. THESE DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

N

0 30' 60' 120'

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

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140 CORTLAND AVENUE
SYRACUSE, NEW YORK 13202

DEEP GROUNDWATER CONTOURS
AUGUST 12, 2015

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
COYNE TEXTILE SERVICES

PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BK	FIGURE
DESIGNED BY: TB	DRAWN BY: TM	SCALE: 1" = 60'	4C
DATE: AUGUST 2015	PROJECT NO. 21.0056730.40	REVISION NO.	SHEET NO.

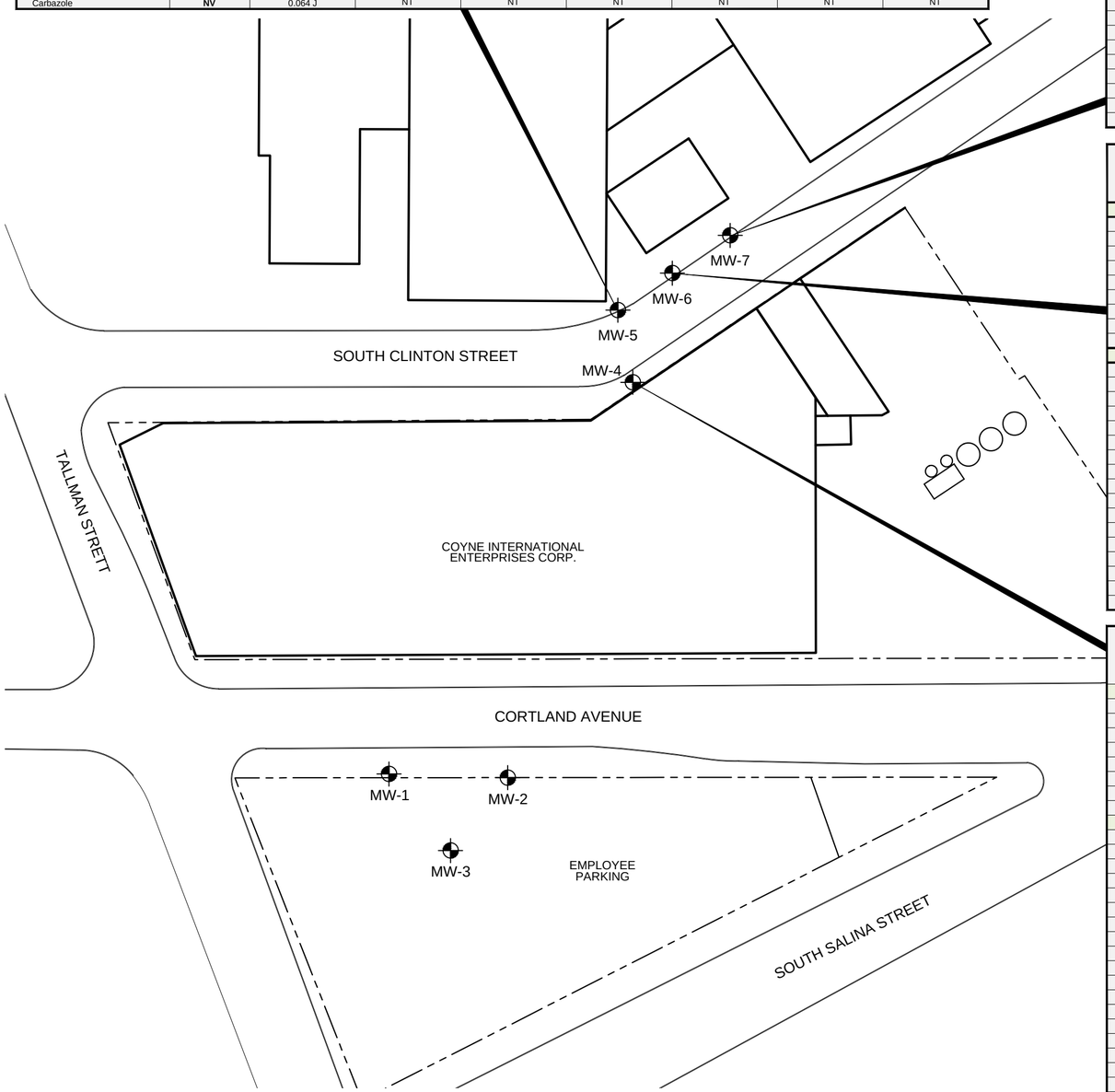
©2015 – GZA GeoEnvironmental, Inc. GZA–J:\56000's\21.0056730.40\Figures\CAD\56730.40.001.dwg [FIG–4C] August 13, 2015 – 3:51pm edward.morris

LOCATION	NYS Restricted Industrial	MW-5-5-7-7915	MW-5-11-13-7915	MW-5-17-19-7915	MW-5-19-21-7915	MW-5-29-31-7915	MW-5-35-37-7915	MW-5-45-47-7915
SAMPLING DATE		7/9/2015	7/9/2015	7/9/2015	7/9/2015	7/9/2015	7/9/2015	7/9/2015
DEPTH (FEET)		5 - 7	11 - 13	17 - 19	19 - 21	29 - 31	35 - 37	45 - 47
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds - EPA Method 8260 TCL & STARS (mg/kg)								
1,1-Dichloroethane	**480**	ND	0.0028	0.092	1	ND	ND	ND
Tetrachloroethene	**300**	0.063	ND	9.1	150	0.00047 J	0.062	0.0063
Benzene	**89**	0.00038 J	0.00042 J	0.013 J	0.68	ND	ND	ND
Vinyl chloride	**27**	ND	0.032	0.081 J	0.17 J	ND	0.0027	0.0014 J
trans-1,2-Dichloroethene	**1000**	ND	0.00061 J	0.034 J	1	ND	ND	ND
Trichloroethene	**400**	0.0024	ND	2	14	ND	0.022	0.0029
cis-1,2-Dichloroethene	**1000**	ND	0.0017	3.7	4.2	0.00063 J	0.03	0.0085
Acetone	**1000**	ND	0.028	ND	ND	ND	ND	ND
2-Butanone	**1000**	ND	0.0047 J	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds - EPA Method 8270 (mg/kg)								
Acenaphthene	**1000**	0.056 J	NT	NT	NT	NT	NT	NT
Fluoranthene	**1000**	0.97	NT	NT	NT	NT	NT	NT
Naphthalene	**1000**	0.19 J	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	**11**	0.46	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene	**1.1**	0.46	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	**11**	0.52	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene	**110**	0.21	NT	NT	NT	NT	NT	NT
Chrysene	**110**	0.44	NT	NT	NT	NT	NT	NT
Anthracene	**1000**	0.15	NT	NT	NT	NT	NT	NT
Benzo(ghi)perylene	**1000**	0.28	NT	NT	NT	NT	NT	NT
Fluorene	**1000**	0.091 J	NT	NT	NT	NT	NT	NT
Phenanthrene	**1000**	0.46	NT	NT	NT	NT	NT	NT
Dibenzo(a,h)anthracene	**1.1**	0.071 J	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	**11**	0.32	NT	NT	NT	NT	NT	NT
Pyrene	**1000**	0.85	NT	NT	NT	NT	NT	NT
Carbazole	**NV**	0.064 J	NT	NT	NT	NT	NT	NT

LOCATION	NYS Restricted Industrial	MW-7-7-9-71515	MW-7-19-21-71515	FIELD DUPLICATE (MW-7-19-21-71515)	MW-7-21-23-71515	MW-7-29-31-71515	MW-7-41-43-71515	MW-7-51-53-71515
SAMPLING DATE		7/15/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015	7/15/2015
DEPTH (FEET)		7 - 9	19 - 21	19 - 21	21 - 23	29 - 31	41 - 43	51 - 53
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds - EPA Method 8260 TCL & STARS (mg/kg)								
Benzene	**89**	ND	0.00059 J	0.0048 J	ND	ND	ND	ND
Vinyl chloride	**27**	ND	0.095	0.75	0.091	ND	ND	0.00049 J
1,1-Dichloroethene	**1000**	ND	0.0005 J	0.0047 J	ND	ND	ND	ND
trans-1,2-Dichloroethene	**1000**	ND	0.0022	0.015	ND	ND	ND	ND
cis-1,2-Dichloroethene	**1000**	ND	0.26	1.6	0.00043 J	ND	ND	0.00033 J
Acetone	**1000**	0.086	ND	ND	ND	ND	ND	ND
Carbon disulfide	**NV**	ND	0.0027 J	0.029 J	ND	ND	ND	ND
2-Butanone	**1000**	0.019 J	ND	ND	ND	ND	ND	ND
n-Butylbenzene	**1000**	0.056	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	**1000**	0.076	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	**1000**	0.0028 J	ND	ND	ND	ND	ND	ND
Isopropylbenzene	**NV**	0.021	ND	ND	ND	ND	ND	ND
n-Propylbenzene	**1000**	0.014	ND	ND	ND	ND	ND	ND
Methyl cyclohexane	**NV**	0.0045 J	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds - EPA Method 8270 (mg/kg)								
Acenaphthene	**1000**	0.048	NT	NT	NT	NT	NT	NT
Fluoranthene	**1000**	0.32	NT	NT	NT	NT	NT	NT
Naphthalene	**1000**	0.24	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	**11**	0.17	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene	**1.1**	0.19	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	**11**	0.16	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene	**110**	0.16	NT	NT	NT	NT	NT	NT
Chrysene	**110**	0.17	NT	NT	NT	NT	NT	NT
Acenaphthylene	**1000**	0.19	NT	NT	NT	NT	NT	NT
Anthracene	**1000**	0.078	NT	NT	NT	NT	NT	NT
Benzo(ghi)perylene	**1000**	0.11	NT	NT	NT	NT	NT	NT
Fluorene	**1000**	0.08	NT	NT	NT	NT	NT	NT
Phenanthrene	**1000**	0.29	NT	NT	NT	NT	NT	NT
Dibenzo(a,h)anthracene	**1.1**	0.14	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	**11**	0.1	NT	NT	NT	NT	NT	NT
Pyrene	**1000**	0.29	NT	NT	NT	NT	NT	NT
Dibenzofuran	**1000**	0.23	NT	NT	NT	NT	NT	NT
2-Methylnaphthalene	**NV**	0.22	NT	NT	NT	NT	NT	NT
Carbazole	**NV**	0.23	NT	NT	NT	NT	NT	NT

LOCATION	NYS Restricted Industrial	MW-6-5-7_071315	MW-6-13-15_071315	MW-6-17-19_071315	MW-6-23-25_071315	MW-6-31-33_071315	MW-6-35-37_071315	MW-6-49-51_071315	MW-6-53-55_071315
SAMPLING DATE		7/13/2015	7/13/2015	7/13/2015	7/13/2015	7/13/2015	7/13/2015	7/13/2015	7/13/2015
DEPTH (FEET)		5 - 7	13 - 15	17 - 19	23 - 25	31 - 33	35 - 37	49 - 51	53 - 55
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds - EPA Method 8260 TCL & STARS (mg/kg)									
Tetrachloroethene	**300**	0.019	ND	0.083	ND	ND	ND	ND	ND
Benzene	**89**	ND	ND	0.0028 J	ND	ND	ND	ND	ND
Vinyl chloride	**27**	ND	0.059	0.43	0.0007 J	0.0003 J	ND	ND	0.00031 J
1,1-Dichloroethene	**1000**	ND	ND	0.0047 J	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	**1000**	ND	0.023	0.018	ND	ND	ND	ND	ND
Trichloroethene	**400**	0.00098 J	ND	0.048	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	**1000**	ND	0.082	1.5	0.0017	0.00048 J	ND	ND	0.0003 J
Acetone	**1000**	ND	0.038	ND	ND	ND	ND	ND	ND
2-Butanone	**1000**	ND	0.0059 J	ND	ND	ND	ND	ND	ND
Semi-Volatile Organic Compounds - EPA Method 8270 (mg/kg)									
Acenaphthene	**1000**	0.058 J	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	**1000**	0.51	NT	NT	NT	NT	NT	NT	NT
Naphthalene	**1000**	0.22 J	NT	NT	NT	NT	NT	NT	NT
Benzo(a)anthracene	**11**	0.26	NT	NT	NT	NT	NT	NT	NT
Benzo(a)pyrene	**1.1**	0.32	NT	NT	NT	NT	NT	NT	NT
Benzo(b)fluoranthene	**11**	0.25	NT	NT	NT	NT	NT	NT	NT
Benzo(k)fluoranthene	**110**	0.24	NT	NT	NT	NT	NT	NT	NT
Chrysene	**110**	0.25	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	**1000**	0.051 J	NT	NT	NT	NT	NT	NT	NT
Anthracene	**1000**	0.13 J	NT	NT	NT	NT	NT	NT	NT
Benzo(ghi)perylene	**1000**	0.2	NT	NT	NT	NT	NT	NT	NT
Fluorene	**1000**	0.083 J	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	**1000**	0.42	NT	NT	NT	NT	NT	NT	NT
Dibenzo(a,h)anthracene	**1.1**	0.052 J	NT	NT	NT	NT	NT	NT	NT
Indeno(1,2,3-cd)pyrene	**11**	0.17 J	NT	NT	NT	NT	NT	NT	NT
Pyrene	**1000**	0.44	NT	NT	NT	NT	NT	NT	NT
Carbazole	**NV**	0.068 J	NT	NT	NT	NT	NT	NT	NT

LOCATION	NYS Restricted Industrial	MW-4-4-6-7715	MW-4-8-10-7715	MW-4-14-16-7715	MW-4-18-20-7715	MW-4-22-24-7715
SAMPLING DATE		7/7/2015	7/7/2015	7/7/2015	7/7/2015	7/7/2015
DEPTH (FEET)		4 - 6	8 - 10	14 - 16	18 - 20	22 - 24
Units	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Volatile Organic Compounds - EPA Method 8260 TCL & STARS (mg/kg)						
Tetrachloroethene	**300**	0.079	0.0013 J	ND	0.0027	ND
Benzene	**89**	ND	ND	ND	0.0016	ND
Vinyl chloride	**27**	ND	ND	ND	ND	0.0021 J
Trichloroethene	**400**	0.002	ND	ND	0.00069 J	ND
cis-1,2-Dichloroethene	**1000**	0.0017	ND	ND	0.0006 J	ND
Acetone	**1000**	ND	0.026	0.018	0.0028 J	0.0013 J
2-Butanone	**1000**	ND	0.0056 J	ND	ND	ND
Naphthalene	**1000**	ND	0.00067 J	ND	ND	ND
Semi-Volatile Organic Compounds - EPA Method 8270 (mg/kg)						
Acenaphthene	**1000**	ND	0.95	NT	NT	NT
Fluoranthene	**1000**	ND	41 E	NT	NT	NT
Naphthalene	**1000**	ND	0.82	NT	NT	NT
Benzo(a)anthracene	**11**	ND	*20 E*	NT	NT	NT
Benzo(a)pyrene	**1.1**	ND	*17*	NT	NT	NT
Benzo(b)fluoranthene	**11**	ND	*21 E*	NT	NT	NT
Benzo(k)fluoranthene	**110**	ND	7.1	NT	NT	NT
Chrysene	**110**	ND	21 E	NT	NT	NT
Acenaphthylene	**1000**	ND	2.3	NT	NT	NT
Anthracene	**1000**	ND	6.3	NT	NT	NT
Benzo(ghi)perylene	**1000**	ND	7.7	NT	NT	NT
Fluorene	**1000**	ND	2	NT	NT	NT
Phenanthrene	**1000**	ND	20 E	NT	NT	NT
Dibenzo(a,h)anthracene	**1.1**	ND	*2.4*	NT	NT	NT
Indeno(1,2,3-cd)pyrene	**11**	ND	*8.8*	NT	NT	NT
Pyrene	**1000**	ND	36 E	NT	NT	NT
Dibenzofuran	**1000**	ND	0.71	NT	NT	NT
2-Methylnaphthalene	**NV**	ND	0.25 J	NT	NT	NT
Carbazole	**NV**	ND	0.74	NT	NT	NT



LEGEND:

- APPROXIMATE SITE BOUNDARY
- BUILDING LOCATION
- MW-4 MONITORING WELL LOCATION
- *BOLD* EXCEED NYSDEC PART 375 SOIL CLEANUP OBJECTIVES FOR INDUSTRIAL USE
- mg/kg MILLIGRAMS PER KILOGRAM
- ND NON DETECT
- NT NOT TESTED
- J INDICATES AN ESTIMATED VALUE.
- E VALUE EXCEEDS CALIBRATION RANGE

NOTES:

1. BASE MAP DEVELOPED FROM A GOOGLE PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS COLLECTED ON AUGUST 5, 2015.
2. THE LOCATION OF THE MONITORING WELLS WERE DETERMINED BY GPS FROM EXISTING TOPOGRAPHIC FEATURES. THESE DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

N

0 30' 60' 120'

SCALE IN FEET

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SOIL ANALYTICAL RESULTS PLAN

PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists www.gza.com

PREPARED FOR: COYNE TEXTILE SERVICES

PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BK	FIGURE
DESIGNED BY: TB	DRAWN BY: EM	SCALE: 1" = 60'	5
DATE: AUGUST 2015	PROJECT NO. 21.0056730.40	REVISION NO.	SHEET NO.

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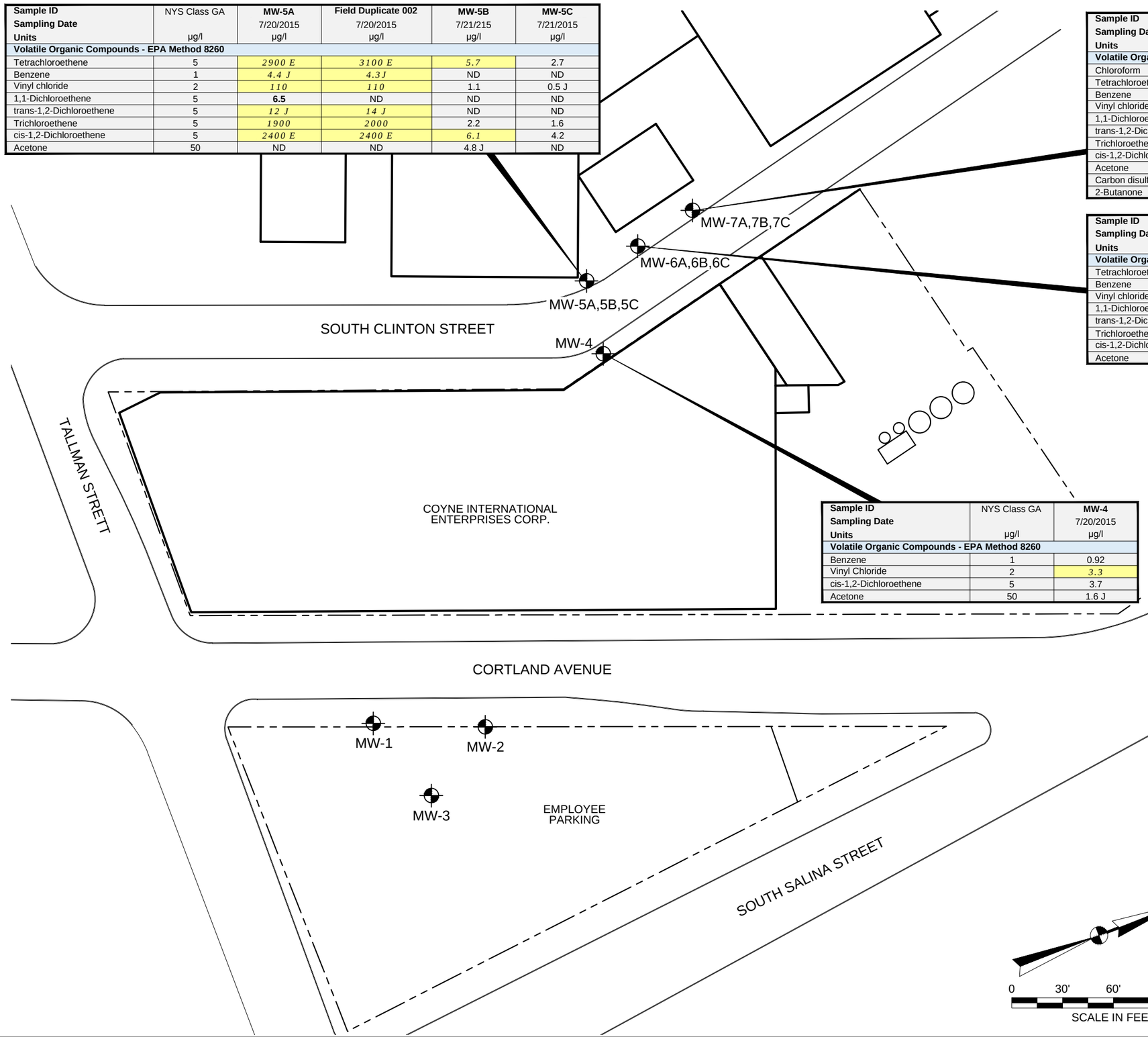
Sample ID Sampling Date Units	NYS Class GA µg/l	MW-5A 7/20/2015 µg/l	Field Duplicate 002 7/20/2015 µg/l	MW-5B 7/21/215 µg/l	MW-5C 7/21/2015 µg/l
Volatile Organic Compounds - EPA Method 8260					
Tetrachloroethene	5	***2900 E***	***3100 E***	***5.7***	2.7
Benzene	1	***4.4 J***	***4.3J***	ND	ND
Vinyl chloride	2	***110***	***110***	1.1	0.5 J
1,1-Dichloroethene	5	**6.5**	ND	ND	ND
trans-1,2-Dichloroethene	5	***12 J***	***14 J***	ND	ND
Trichloroethene	5	***1900***	***2000***	2.2	1.6
cis-1,2-Dichloroethene	5	***2400 E***	***2400 E***	***6.1***	4.2
Acetone	50	ND	ND	4.8 J	ND

Sample ID Sampling Date Units	NYS Class GA µg/l	MW-7A 7/22/2015 µg/l	MW-7B 7/22/215 µg/l	MW-7C 7/22/2015 µg/l
Volatile Organic Compounds - EPA Method 8260				
Chloroform	7	ND	2.5	0.83 J
Tetrachloroethene	5	ND	ND	ND
Benzene	1	0.74 J	0.2 J	ND
Vinyl chloride	2	***500***	***210***	0.87 J
1,1-Dichloroethene	5	ND	ND	ND
trans-1,2-Dichloroethene	5	ND	1.1 J	ND
Trichloroethene	5	ND	ND	ND
cis-1,2-Dichloroethene	5	***460***	***180***	1.4 J
Acetone	50	14 J	16	2.3 J
Carbon disulfide	60	ND	6.4	1 J
2-Butanone	50	ND	1.9 J	ND

Sample ID Sampling Date Units	NYS Class GA µg/l	MW-6A 7/21/2015 µg/l	MW-6B 7/23/215 µg/l	MW-6C 7/23/2015 µg/l
Volatile Organic Compounds - EPA Method 8260				
Tetrachloroethene	5	***34 J***	***27***	ND
Benzene	1	ND	ND	ND
Vinyl chloride	2	***2000***	***3200***	ND
1,1-Dichloroethene	5	ND	***15 J***	ND
trans-1,2-Dichloroethene	5	***230 J***	***150***	ND
Trichloroethene	5	***260***	***290***	ND
cis-1,2-Dichloroethene	5	***5300***	***5600***	ND
Acetone	50	ND	ND	ND



Sample ID Sampling Date Units	NYS Class GA µg/l	MW-4 7/20/2015 µg/l
Volatile Organic Compounds - EPA Method 8260		
Benzene	1	0.92
Vinyl Chloride	2	***3.3***
cis-1,2-Dichloroethene	5	3.7
Acetone	50	1.6 J

LEGEND:

APPROXIMATE SITE BOUNDARY

BUILDING LOCATION

MW-4 MONITORING WELL LOCATION

BOLD EXCEED NYSDEC TOGS 1.1.1 WATER QUALITY STANDARDS AND GUIDANCE VALUES

ug/l MICROGRAMS PER LITER

ND NON DETECT

J INDICATES AN ESTIMATED VALUE.

E VALUE EXCEEDS CALIBRATION RANGE

NOTES:

1. BASE MAP DEVELOPED FROM A GOOGLE PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS COLLECTED ON AUGUST 5, 2015.
2. THE LOCATION OF THE MONITORING WELLS WERE DETERMINED BY GPS FROM EXISTING TOPOGRAPHIC FEATURES. THESE DATA SHOULD BE CONSIDERED ACCURATE ONLY TO THE DEGREE IMPLIED BY THE METHOD USED.

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140 CORTLAND AVENUE
SYRACUSE, NEW YORK 13202

GROUNDWATER ANALYTICAL RESULTS PLAN

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
COYNE TEXTILE SERVICES

PROJ MGR: TB	REVIEWED BY: TB	CHECKED BY: BK	FIGURE
DESIGNED BY: TB	DRAWN BY: EM	SCALE: 1" = 60'	6
DATE: AUGUST 2015	PROJECT NO. 21.0056730.40	REVISION NO.	SHEET NO.

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APPENDIX A

LIMITATIONS

GEOHYDROLOGICAL LIMITATIONS

Use of Report

1. GZA GeoEnvironmental, Inc. (GZA) prepared this report on behalf of, and for the exclusive use of our Client for the stated purpose(s) and location(s) identified in the Proposal for Services and/or Report. Use of this report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not expressly identified in the agreement, for any use, without our prior written permission, shall be at that party's sole risk, and without any liability to GZA.

Standard of Care

2. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).

3. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state or federal agency.

4. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

Subsurface Conditions

5. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs.

6. Water level readings have been made in test holes (as described in the Report) and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this report. Fluctuations in the level of the groundwater however occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities, and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the Report.

Compliance with Codes and Regulations

7. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

Screening and Analytical Testing

8. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future Site activities and uses may result in a requirement for additional testing.

9. Our interpretation of field screening and laboratory data is presented in the Report. Unless otherwise noted, we relied upon the laboratory's QA/QC program to validate these data.

10. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.

Interpretation of Data

11. Our opinions are based on available information as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support the opinions provided in the Report.

Additional Information

12. In the event that the Client or others authorized to use this report obtain information on environmental or hazardous waste issues at the Site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

Additional Services

13. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction, and/or property development/ redevelopment at the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

APPENDIX B

MONITORING WELL BORING LOGS

TEST BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Coyne Textile
Off-Site MW Invest
Syracuse, New York

EXPLORATION NO.: MW-4
SHEET: 1 of 1
PROJECT NO: 21.0056730.40
REVIEWED BY:

Logged By: T. Bown
Drilling Co.: Nothnagle Drilling
Foreman: N. Short

Type of Rig: Truck
Rig Model: CME 75
Drilling Method: HSA

Boring Location: See Plan
Ground Surface Elev. (ft.):
Final Boring Depth (ft.): 26
Date Start - Finish: 7/7/2015 - 7/7/2015

H. Datum:
V. Datum:

Hammer Type: Automatic Hammer
Hammer Weight (lb.): 140
Hammer Fall (in.): 30
Auger or Casing O.D./I.D Dia (in.): 6.25

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Casing Blows/ Core Rate	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Blows (per 6 in.)	SPT Value	Sample Description and Identification (Modified Burmister Procedure)	Remark	Field Test Data	Stratum Depth (ft.)	Stratum Description	Stratum Elev. (ft.)
								Dark brown, fine to medium SAND, some coarse Gravel, some fragments of cinder and stone.	1	HS 2.6	0.7	CONCRETE	
5		S1	4-6	24	11	1 2 3 2	5	S1: Coarse, gray-brown, fine to medium SAND and specks, particles, and fragments of cinder and clinkers, moist.				FILL	
		S2	6-8	24	4	2 2 2 4	4	S2: Soft, gray-brown, SILT, little fine Sand, trace porcelain, moist.			8		
		S3	8-10	24	14	2 2 3 3	5	S3: Soft, dark gray-brown, Clayey SILT, little fine to medium Sand, moist, organic odor. Seam of Sand at bottom of borehole.		HS 0.1		MARL	
10		S4	10-12	24	14	1 2 2 3	4	S4: Sort, dark gray, SILT, little fine Sand, trace Gravel, moist, organic odor.		HS 0.4			
		S5	12-14	24	14.5	WOH WOH WOH 1	0	S5: Very soft, gray, SILT and Sand, little shell particles, trace wood particles and fragments, moist.		HS 0.1			
15		S6	14-16	24	15	1 1 1 1	2	S6: Very loose, gray-brown, fine to medium SAND, some Silt, little particles and fragments of wood, little particles of shells, trace fine Gravel, organic odor, moist to wet.		HS 0.1			
		S7	16-18	24	7	1 1 4 7	5	S7: Loose, gray-brown, fine to medium SAND, some Silt, little fine Gravel, subrounded, wet.		HS 0.4			
		S8	18-20	24	9	2 5 8 11	13	S8: Medium dense, gray-brown, fine to medium SAND, some Silt, little fine Gravel, subrounded, wet.		HS 0.5	20		
20		S9	20-22	24	15	2 1 1 1	2	S9: Soft, gray-brown, CLAY & SILT, wet.		HS 0.7		GLACIO-LACUSTRINE	
		S10	22-24	24	10	1 1 2 2	3	S10: Soft, red-brown, Silty CLAY, no odor, wet.		HS 0.2			
25		S11	24-26	24	13	2 2 2 2	4	S11: Very loose, brown, fine SAND and Silt, wet.		HS 0.0	26		
30								End of exploration at 26 feet.					

REMARKS

1 - Hand-cleared from 0.7'-5.0' bgs using cut gun with compressor.

See Log Key for exploration of sample description and identification procedures. Stratification lines represent approximate boundaries between soil and bedrock types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

Exploration No.: MW-4

GZA TEMPLATE TEST BORING; 8/10/2015; 10:28:29 AM

TEST BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Coyne Textile
Off-Site MW Invest
Syracuse, New York

EXPLORATION NO.: MW-5
SHEET: 1 of 2
PROJECT NO: 21.0056730.40
REVIEWED BY:

Logged By: T. Bown
Drilling Co.: Nothnagle Drilling
Foreman: N. Short

Type of Rig: Truck
Rig Model: CME 75
Drilling Method: HSA

Boring Location: See Plan
Ground Surface Elev. (ft.):
Final Boring Depth (ft.): 52
Date Start - Finish: 7/7/2015 - 7/7/2015

H. Datum:
V. Datum:

Hammer Type: Automatic Hammer
Hammer Weight (lb.): 140
Hammer Fall (in.): 30
Auger or Casing O.D./I.D Dia (in.): 6.25

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Casing Blows/ Core Rate	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Blows (per 6 in.)	SPT Value	Sample Description and Identification (Modified Burmister Procedure)	Remark	Field Test Data	Stratum Description	Depth (ft.)	Elev. (ft.)
								Brown-gray, TOPSOIL, rooted material, moist.			TOPSOIL	0.5	
											CONCRETE	1.5	
								Dark brown-gray, fine to medium SAND and Silt, little Gravel, subrounded to subangular, trace Cobbles, subrounded to subangular, trace slag and cinder, faint petroleum odor, moist.	1		FILL		
5		S1	5-7	24	12	1 1 1 1	2	S1: Very loose, brown-gray, fine to medium SAND, some Silt, little pebbles, little slag and cinders, moist.		HS 0.3		7	
		S2	7-9	24	11	5 2 2 2	4	S2: Soft, brown to dark gray, SILT, trace fine Sand, trace fine Gravel, fragments of wood, organic odor, moist. Seam of sand and gravel at top of spoon.		HS 0.5	MARL		
10		S3	9-9.8	24	20	2 1 2 1	3	S3: 9.0'-9.8': Soft, brown to dark gray, SILT, trace fine Sand, trace fragments of wood, organic odor, moist.		HS 0.7			
		S4	11-12	24	20	1 1 1 1	2	9.8'-11.0': Soft, tan-light gray, SILT, wet. S4: 11.0'-12.0': Soft, tan-light gray, SILT, wet. Seam of wood fragments at bottom of borehole.		HS 1.2			
		S5	13-15	24	1	18 4 2 2	6	12.0'-13.0': Soft, brown-gray, CLAY, wood fragments, wet. S5: Coarse gravel lodged in drive shoe of split spoon sampler; no sample taken.		HS 0.2			
15		S6	15-17	24	2	1 1 1 1	2	S6: Very loose, brown-gray, fine to coarse SAND, some fine Gravel, little Silt, subangular, wet.					
		S7	17-19	24	??	1 1 1 1	2	S7: Very loose, brown-gray, fine to coarse SAND, some fine Gravel, little Silt, subangular, wet.		HS 0.8			
20		S8	19-19.5	24	22	1 1 1 1	2	S8: 19.0'-19.5': Very loose, brown-gray, fine to coarse SAND, some fine Gravel, little Silt, subangular, wet. 19.5'-21.0': Soft, brown-gray, CLAY, wet.		HS 10.2		19.5	
		S9	21-23	24	??	2 2 6 6	8	S9: Medium stiff, brown-gray, SILT and fine to medium Sand, wet.		HS 0.4	GLACIO-LACUSTRINE		
		S10	23-25	24	16	1 2 3 5	5	S10: Medium stiff, brown-gray, SILT and fine to medium Sand, wet.		HS 0.5			
25		S11	25-27	24	10	13 4 3 3	7	S11: Medium stiff, brown-gray, SILT and fine to medium Sand, wet. Seam of Gravel at 26.5' bgs.		HS 0.5			
		S12	27-29	24	10	2 2 5 6	7	S12: Medium stiff, brown-gray, SILT and fine to medium Sand, little Clay, alternating seams, wet.		HS 0.3			
30		S13	29-31	24	20	WOH		S13: Very soft, gray-brown, CLAY & SILT, alternating		HS			

REMARKS

1 - Hand-cleared to 6.0' bgs with air knife.

See Log Key for exploration of sample description and identification procedures. Stratification lines represent approximate boundaries between soil and bedrock types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

Exploration No.: MW-5

GZA TEMPLATE TEST BORING; 8/10/2015; 10:28:34 AM

TEST BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Coyne Textile
Off-Site MW Invest
Syracuse, New York

EXPLORATION NO.: MW-5
SHEET: 2 of 2
PROJECT NO: 21.0056730.40
REVIEWED BY:

Logged By: T. Bown
Drilling Co.: Nothnagle Drilling
Foreman: N. Short

Type of Rig: Truck
Rig Model: CME 75
Drilling Method: HSA

Boring Location: See Plan
Ground Surface Elev. (ft.):
Final Boring Depth (ft.): 52
Date Start - Finish: 7/7/2015 - 7/7/2015

H. Datum:
V. Datum:

Hammer Type: Automatic Hammer
Hammer Weight (lb.): 140
Hammer Fall (in.): 30
Auger or Casing O.D./I.D Dia (in.): 6.25

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Casing Blows/ Core Rate	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Blows (per 6 in.)	SPT Value	Sample Description and Identification (Modified Burmister Procedure)	Remark	Field Test Data	Stratum Depth (ft.)	Stratum Description	Stratum Elev. (ft.)
						WOH	0	seams, wet.		0.8			
		S14	31-33	24	14	WOH WOH	2	S14: Sort, gray-brown, CLAY & SILT, alternating seams, wet.		HS 0.6			
		S15	33-33.8	24	22	1 1 1 1 1 1	2	S15: 33.0'-33.8': Very loose, brown-gray, SILT and fine to medium Sand, wet.		HS 0.9			
35		S16	35-36	24	22	1 1 WOH WOH	0	33.8'-35.0': Very soft, gray-brown, CLAY & SILT, alternating seams, wet. S16: 35.0'-36.0': Very loose, brown-gray, SILT and fine to medium Sand, wet.		HS 0.6		GLACIO-LACUSTRINE	
		S17	37-39	24	22	WOH WOH	2	36.0'-37.0': Very soft, gray-brown, CLAY & SILT, alternating seams, wet.		HS 0.4			
		S18	39-41	24	22	1 1 1 1	0	S17: Very soft, gray-brown, CLAY & SILT, alternating seams, wet.		HS 0.9			
40		S19	41-43	24	7	WOR WOR WOR	0	S18: Very soft, gray-brown, CLAY & SILT, alternating seams, trace fine Sand, wet. S19: Very loose, brown-gray, fine to medium SAND, little Silt, wet.		HS 0.9	41		
		S20	43-45	24		WOR WOH WOH	3	Due to running sands, representative sample was not collected. Had to clear out bore hole.		HS 0.4			
45		S21	45-47	24	14	1 1 2 3 5 13 25 26	38	S20: Very loose, brown-gray, fine to medium SAND, trace Silt, wet. S21: Dense, brown-gray, fine to medium SAND, wet.		HS 0.8		GLACIO-FLUVIAL	
50		S22	50-52	24	18	6 7 17 25	24	S22: Medium dense, brown-gray, fine to medium SAND, wet.		HS 0.6	52		
								End of exploration at 52 feet.					
55													
60													

REMARKS

See Log Key for exploration of sample description and identification procedures. Stratification lines represent approximate boundaries between soil and bedrock types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

Exploration No.: MW-5

GZA TEMPLATE TEST BORING; 8/10/2015; 10:28:34 AM

TEST BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Coyne Textile
Off-Site MW Invest
Syracuse, New York

EXPLORATION NO.: MW-6
SHEET: 1 of 2
PROJECT NO: 21.0056730.40
REVIEWED BY:

Logged By: P. Finnerty
Drilling Co.: Nothnagle Drilling
Foreman: N. Short

Type of Rig: Truck
Rig Model: CME 75
Drilling Method: HSA

Boring Location: See Plan
Ground Surface Elev. (ft.):
Final Boring Depth (ft.): 55
Date Start - Finish: 7/13/2015 - 7/13/2015

H. Datum:
V. Datum:

Hammer Type: Automatic Hammer
Hammer Weight (lb.): 140
Hammer Fall (in.): 30
Auger or Casing O.D./I.D Dia (in.): 6.25

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Casing Blows/ Core Rate	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Blows (per 6 in.)	SPT Value	Sample Description and Identification (Modified Burmister Procedure)	Remark	Field Test Data	Stratum Depth (ft.)	Stratum Description	Stratum Elev. (ft.)
								Dark brown-gray, TOPSOIL, little fine Sand, trace cinder and fine to medium Gravel. Transition into light brown-gray, SILT, slightly moist, large obstruction (LS Cobble), iron/rusted slab, brick.	1				
5		S1	5-7	24	17	1 3 3 1	6	S1: Loose, brown to black, fine to medium SAND and Silt, little fine Gravel, slag and cinders (urban), moist, subangular.		HS 0.0		FILL	
		S2	7-9	24	4	3 2 1 1	3	S2: Very loose, brown to gray, fine to medium SAND and Silt, little fine Gravel, slag and cinders, moist, subangular.					
10		S3	9-11	24	20	1 2 2 3	4	S3: Soft, brown-gray, SILT & CLAY, seam of light tan-gray Clay, wet at 10.8' bgs.		HS 0.2	11		
		S4	11-11.5	24	21	1 1 1 1	2	S4: 11.0'-11.5': Very soft, light tan-gray, CLAY, wet. Shells at 11.5' bgs.		HS 0.3		MARL	
		S5	13-14	24	20	1 1 5 6	6	11.5'-13.0': Very soft, brown-gray, Silty CLAY, wood fragments, wet. S5: 13.0'-14.0': Soft, brown-gray, Silty CLAY, wet.		HS 1.1			
15		S6	15-17	24	9	3 3 2 2	5	14.0'-15.0': Loose, brown-gray, fine to coarse SAND and fine to medium Gravel, subangular to subrounded, wet. S6: Loose, brown-gray, fine to coarse SAND and fine to medium Gravel, some Silt, wood fragments, wet, alternating seams, subangular.		HS 1.0			
		S7	17-19	24	6	11 6 3 1	9	S7: Loose, brown-gray, fine to coarse SAND and fine Gravel, little Silt.		HS 1.6			
20		S8	19-21	24	8	1 3 3 4	6	S8: Loose, brown-gray, fine SAND, some Silt, wet.		HS 0.7			
		S9	21-22	24	17	2 2 1 1	3	S9: 21.0'-22.0': Loose, brown-gray, fine to medium SAND, somt Silt, wet.		HS 0.4	23		
25		S10	23-25	24	22	WOH WOH WOH	0	22.0'-23.0': Soft, brown-gray, SILT, little Sand, wet, alternating layers. S10: Very soft, brown-gray, SILT & CLAY, wet, alternating layers.		HS 0.8		GLACIO-LACUSTRINE	
		S11	25-27	24	6	WOH WOH WOH	0	S11: Very soft, brown-gray, CLAY, wet.		HS 0.7			
		S12	27-29	24	20	WOH WOH WOH	0	S12: Very soft, brown-gray, CLAY, wet.		HS 0.5			
30		S13	29-31	24	20	WOR		S13: Very soft, brown-gray, CLAY, wet.		HS			

REMARKS

1 - Hand cleared to 6.0' bgs.

See Log Key for exploration of sample description and identification procedures. Stratification lines represent approximate boundaries between soil and bedrock types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

Exploration No.: MW-6

GZA TEMPLATE TEST BORING; 8/10/2015; 10:28:35 AM

TEST BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Coyne Textile
Off-Site MW Invest
Syracuse, New York

EXPLORATION NO.: MW-6
SHEET: 2 of 2
PROJECT NO: 21.0056730.40
REVIEWED BY:

Logged By: P. Finnerty
Drilling Co.: Nothnagle Drilling
Foreman: N. Short

Type of Rig: Truck
Rig Model: CME 75
Drilling Method: HSA

Boring Location: See Plan
Ground Surface Elev. (ft.):
Final Boring Depth (ft.): 55
Date Start - Finish: 7/13/2015 - 7/13/2015

H. Datum:
V. Datum:

Hammer Type: Automatic Hammer
Hammer Weight (lb.): 140
Hammer Fall (in.): 30
Auger or Casing O.D./I.D Dia (in.): 6.25

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Casing Blows/ Core Rate	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Blows (per 6 in.)	SPT Value	Sample Description and Identification (Modified Burmister Procedure)	Remark	Field Test Data	Stratum Description Depth (ft.)	Elev. (ft.)
						WOR	0			0.4		
		S14	31-33	24	15	WOR		S14: Very soft, brown-gray, SILT & CLAY, wet, alternating layers.		HS		
						WOR	0			0.6		
						WOR						
		S15	33-34	24	12	WOR	5	S15: 33.0'-34.0': Stiff, brown-gray, SILT & CLAY, wet, alternating layers.		HS	GLACIO-LACUSTRINE	
						WOR				0.6		
35						WOR		34.0'-35.0': Loose, brown-gray, fine SAND, some Silt, wet.				
		S16	35-37	24	10	WOH		S16: Medium dense, dark brown-gray, fine to medium SAND, wet.		HS		
						WOH	10			0.3		
						WOH					37	
		S17	37-39	24	10	WOH		S17: Loose, dark brown-gray, fine to medium SAND, wet.		HS		
						1 1	8			0.3		
		S18	39-41	24	9	4 4		S18: Loose, dark, brown-gray, fine to medium SAND, wet.		HS		
40						4 4	9			0.3		
						6 7						
		S19	41-43	24	8	2 2		S19: Medium dense, dark brown-gray, fine to medium SAND, trace fine Gravel, subrounded, wet.		HS		
						6 6	11			0.0		
		S20	43-45	24	1	4 4		S20: Loose, brown-gray, fine to medium SAND, wet.	2			
						5 5	8					
45						7 5						
		S21	45-47	24	8	6 7		S21: Medium dense, brown-gray, fine to medium SAND, wet.		HS		
						4 5	11			1.2	GLACIO-FLUVIAL	
						3 7						
		S22	47-49	24	10	4 4		S22: Medium dense, brown-gray, fine to medium SAND, wet.		HS		
						7 7	12			1.2		
		S23	49-51	24	10	4 5		S23: Medium dense, brown-gray, fine to medium SAND, wet.		HS		
50						7 10	15			1.4		
						4 7						
		S24	51-53	24	12	8 10		S24: Medium dense, brown-gray, fine to medium SAND, wet.		HS		
						6 7	14			1.1		
						7 8						
		S25	53-54.5	24	11	3 3	9	S25: Loose, brown-gray, fine to medium SAND, trace Silt, wet.		HS		
						6 9				1.3		
55								Medium stiff, brown-gray, SILT, trace Sand, wet.			55	
								End of exploration at 55 feet.				
60												

REMARKS

2 - Split spoon captured only enough soil for 1/2 VOC Jar.

See Log Key for exploration of sample description and identification procedures. Stratification lines represent approximate boundaries between soil and bedrock types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

Exploration No.: MW-6

GZA TEMPLATE TEST BORING; 8/10/2015; 10:28:35 AM

TEST BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Coyne Textile
Off-Site MW Invest
Syracuse, New York

EXPLORATION NO.: MW-7
SHEET: 1 of 2
PROJECT NO: 21.0056730.40
REVIEWED BY:

Logged By: P. Finnerty
Drilling Co.: Nothnagle Drilling
Foreman: N. Short

Type of Rig: Truck
Rig Model: CME 75
Drilling Method: HSA

Boring Location: See Plan
Ground Surface Elev. (ft.):
Final Boring Depth (ft.): 55
Date Start - Finish: 7/15/2015 - 7/15/2015

H. Datum:
V. Datum:

Hammer Type: Automatic Hammer
Hammer Weight (lb.): 140
Hammer Fall (in.): 30
Auger or Casing O.D./I.D Dia (in.): 6.25

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Casing Blows/ Core Rate	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Blows (per 6 in.)	SPT Value	Sample Description and Identification (Modified Burmister Procedure)	Remark	Field Test Data	Depth (ft.)	Stratum Description	Elev. (ft.)
								Brown-gray, SILT, some fine Sand, little Gravel, trace Cobbles - subrounded and angular; concrete slabs and other urban fill; very large slab of asphalt removed.	1				
5		S1	5-7	24	8	1 1 1 1	2	S1: Soft, brown to black, SILT, trace fine Sand, trace Gravel, slag and cinders (urban fill), subangular to subrounded.				FILL	
		S2	7-9	24	14	1 1 1 2	2	S2: Soft, brown to black, SILT, trace Gravel, slag and cinders (urban fill), subangular to subrounded, seam of rubber-like material and wood fragments.		HS 5.9			
10		S3	9-11	24	1	1 1 2 3	3	S3: Soft, brown, SILT, trace Gravel, subrounded, wet.		HS 6.9	11		
		S4	11-13	24	20	1 1 1 1	2	S4: Soft, gray-brown, SILT, trace Gravel, subangular, wet, wood fragments.		HS 0.6		MARL	
		S5	13-15	24	20	1 1 1 1	2	S5: Soft, gray-brown, SILT & CLAY, alternating layers, wet, wood fragments.		HS 0.8			
15		S6	15-17	24	15	WOH		S6: Very soft, gray-brown, SILT & CLAY, alternating seams, seam of Gravel and wood fragments, wet, subrounded.		HS 1.1			
		S7	17-18	24	8	WOH 2 3 4	5	S7: 17.0'-18.0': Medium stiff, brown-gray, SILT & CLAY, alternating seams, wet.		HS 0.9			
20		S8	19-21	24	14	9 10 6 2	16	18.0'-19.0': Loose, dark gray, medium to coarse SAND and Gravel, subrounded to subangular, wet. S8: Dense, dary gray, fine to coarse SAND and Gravel, subrounded to subangular, seam of Silt & Clay at 21.0' bgs, slight solvent-like odor. Field duplicate.		HS 3.2			
		S9	21-23	24	18	WOR WOR	0			HS 1.6	23		
		S10	23-25	24	6	WOR WOR WOR	0	S9: Very soft, brown-gray, CLAY & SILT, wet, alternating seams. S10: Very soft, brown-gray, CLAY, wet.		HS 0.9			
25		S11	25-27	24	22	WOR WOH WOH	2	S11: Soft, brown-gray, CLAY, wet.		HS 0.7		GLACIO-LACUSTRINE	
		S12	27-29	24	22	1 1 1 1	0	S12: Very soft, brown-gray, CLAY & SILT, wet, alternating seams.		HS 0.7			
30		S13	29-	24	13	WOR WOR		S13: 29.0'-30.5': Very soft, brown-gray, CLAY & SILT,		HS			

REMARKS

1 - Hand cleared 0'-6.0' bgs.

See Log Key for exploration of sample description and identification procedures. Stratification lines represent approximate boundaries between soil and bedrock types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

Exploration No.: MW-7

GZA TEMPLATE TEST BORING; 8/10/2015; 10:28:37 AM

TEST BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Coyne Textile
Off-Site MW Invest
Syracuse, New York

EXPLORATION NO.: MW-7
SHEET: 2 of 2
PROJECT NO: 21.0056730.40
REVIEWED BY:

Logged By: P. Finnerty
Drilling Co.: Nothnagle Drilling
Foreman: N. Short

Type of Rig: Truck
Rig Model: CME 75
Drilling Method: HSA

Boring Location: See Plan
Ground Surface Elev. (ft.):
Final Boring Depth (ft.): 55
Date Start - Finish: 7/15/2015 - 7/15/2015

H. Datum:
V. Datum:

Hammer Type: Automatic Hammer
Hammer Weight (lb.): 140
Hammer Fall (in.): 30
Auger or Casing O.D./I.D Dia (in.): 6.25

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Casing Blows/ Core Rate	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Blows (per 6 in.)	SPT Value	Sample Description and Identification (Modified Burmister Procedure)	Remark	Field Test Data	Stratum Description Depth (ft.)	Elev. (ft.)
			30.5			WOH		wet, alternating seams.		1.2	GLACIO-LACUSTRINE	
		S14	31-33	24	5	WOH	2	30.5'-31.0': Very loose, brown-gray, fine SAND, little Silt, wet.		HS	31	
						WOH		S14: Very loose, brown-gray, fine to medium SAND, little Silt, wet.		1.4		
		S15	33-35	24	9	WOR				HS		
						WOH	9	S15: Loose, brown-gray, fine to medium SAND, trace Silt, wet.		1.1		
35		S16	35-37	24	9	2 3				HS		
						3 4		S16: Loose, brown-gray, fine to coarse SAND, trace Gravel, wet, subrounded.		0.8		
						5 6	9					
		S17	37-39	24	9	3 3		S17: Medium dense, brown-gray, fine to medium SAND, wet.		HS		
						6 9	10			0.8		
						3 5						
40		S18	39-41	24	8	5 6		S18: Medium dense, brown-gray, fine to medium SAND, wet.		HS		
						2 6	12			1.4		
						6 7						
		S19	41-43	24	8	2 3		S19: Loose, brown-gray, fine to medium SAND, wet.		HS		
						5 6	8			1.6		
		S20	43-45	24	11	5 5		S20: Medium dense, brown-gray, fine to medium SAND, trace Gravel, subrounded, wet.		HS	GLACIO-FLUVIAL	
						6 8	11			1.5		
45		S21	45-47	24	10	2 4		S21: Loose, brown-gray, fien to coarse SAND, trace Gravel, subrounded, wet.		HS		
						5 6	9			1.4		
		S22	47-49	24	11	3 4		S22: Loose, brown-gray, fine to coarse SAND, trace Gravel, subrounded, wet.		HS		
						5 6	9			1.5		
		S23	49-51	24	12	2 4		S23: Medium dense, brown-gray, fine to coarse SAND, trace Gravel, subrounded, wet.		HS		
50						5 8	9			1.4		
		S24	51-53	24	8	2 3		S24: Loose, brown-gray, fine to medium SAND, wet.		HS		
						6 7	9			1.4		
		S25	53-55	24	0	1 1		S25: No recovery.				
						4 5	5					
55											55	
								End of exploration at 55 feet.				
60												

REMARKS

See Log Key for exploration of sample description and identification procedures. Stratification lines represent approximate boundaries between soil and bedrock types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

Exploration No.: MW-7

GZA TEMPLATE TEST BORING; 8/10/2015; 10:28:37 AM

APPENDIX C

MONITORING WELL DEVELOPMENT FORMS

WELL DEVELOPMENT REPORT

WELL No.

MW-4

Project Number: 21.0056730.40	**Geologist: Dan Peacock**	**Ground El.:**
Client: Coyne Textile Services	**Project Manager: Tom Bohlen**	**El. Datum:**
Location (City, State): Syracuse, NY	**Development Date: 7/15/15**	**Stick-up**
Contractor: GZA Personnel	**Water Level (ft): 8.41**	**Flushmount X**
Driller: Nothnagle	Note: All water level measurements shall be from the top of the well riser.	

Depth to Water before Development (feet): 8.41

Comments: PID: 0.1 ppm of headspace in well

Depth to Bottom of Well prior to Development (feet): 20.00

Comments:

Volume of Water to be removed (gallons): 6.7

Method of Well Development: Waterra with flow cell and turbidity meter

Comments:

Type of Water Quality Meter (Make & Model): Insitu SmarTroll MP SN 360684

Turbidity Meter: Lamotte 2020 we/wi SN 4713-3514

O.R. --> Over Range

TIME	VOLUME (gal)	pH	Temperature (°C)	Conductivity (mS/cm)	Redox Potential (mV)	D.O. (mg/l)	Turbidity (NTUs)	Salinity (PSU)
1145	0.1	6.77	17.78	2.89	-45.3	0.03	O.R.	1.6
1153	1	6.79	15.95	3.32	-90.2	0.01	O.R.	1.8
1157	2	6.79	15.95	3.35	-89.7	0.01	O.R.	1.8
1203	3	6.79	16.04	3.41	-85.7	0.00	O.R.	1.8
1209	4	6.80	16.52	3.41	-84.7	0.02	O.R.	1.8
1215	5	6.80	15.99	3.43	-89.7	0.01	O.R.	1.8
1226	6	6.80	15.99	3.45	-91.7	0.00	1813	1.8
1233	7	6.81	15.99	3.46	-92.5	0.00	1014	1.8

Total Volume of Water Removed from Well (gallons): 7

Comments on Well Development: 1145 - well surged by hand

WELL DEVELOPMENT REPORT

WELL No.

MW-5A

Project Number: 21.0056730.40	**Geologist: Dan Peacock**	**Ground El.:**
Client: Coyne Textile Services	**Project Manager: Tom Bohlen**	**El. Datum:**
Location (City, State): Syracuse, NY	**Development Date: 7/15/15**	**Stick-up**
Contractor: GZA Personnel	**Water Level (ft): 8.22**	**Flushmount X**
Driller: Nothnagle	Note: All water level measurements shall be from the top of the well riser.	

Depth to Water before Development (feet): 8.22

Comments: PID: 0.9 ppm of headspace in well

Depth to Bottom of Well prior to Development (feet): 21.24

Comments:

Volume of Water to be removed (gallons): 5.44

Method of Well Development: Waterra with flow cell and turbidity meter

Comments:

Type of Water Quality Meter (Make & Model): Insitu SmarTroll MP SN 360684

Turbidity Meter: Lamotte 2020 we/wi SN 4713-3514

O.R. --> Over Range

TIME	VOLUME (gal)	pH	Temperature (°C)	Conductivity (mS/cm)	Redox Potential (mV)	D.O. (mg/l)	Turbidity (NTUs)	Salinity (PSU)
1532	0.1	7.11	14.05	1.24	27.4	0.46	O.R.	0.6
1537	1	7.11	13.95	1.36	22.7	0.24	O.R.	0.7
1541	2	7.11	13.96	1.48	19.0	0.12	O.R.	0.8
1543	3	7.10	13.73	1.58	16.1	0.02	O.R.	0.8
1546	4	7.09	13.85	1.68	12.9	0.04	O.R.	0.9
1550	5	7.08	14.01	1.74	10.8	0.03	O.R.	0.9
1555	6	7.11	14.24	1.67	-0.8	0.01	O.R.	0.9

Total Volume of Water Removed from Well (gallons): 6

Comments on Well Development: 1532 - hand surging at well

WELL DEVELOPMENT REPORT

WELL No.

MW-5B

Project Number: 21.0056730.40	**Geologist: Dan Peacock**	**Ground El.:**
Client: Coyne Textile Services	**Project Manager: Tom Bohlen**	**El. Datum:**
Location (City, State): Syracuse, NY	**Development Date: 7/15/15**	**Stick-up**
Contractor: GZA Personnel	**Water Level (ft): 8.55**	**Flushmount X**
Driller: Nothnagle	Note: All water level measurements shall be from the top of the well riser.	

Depth to Water before Development (feet): 8.55

Comments: PID: 0.2 ppm of headspace in well

Depth to Bottom of Well prior to Development (feet): 35.82

Comments:

Volume of Water to be removed (gallons): 10.9

Method of Well Development: Waterra with flow cell and turbidity meter

Comments:

Type of Water Quality Meter (Make & Model): Insitu SmarTroll MP SN 360684

Turbidity Meter: Lamotte 2020 we/wi SN 4713-3514

O.R. --> Over Range

TIME	VOLUME (gal)	pH	Temperature (°C)	Conductivity (mS/cm)	Redox Potential (mV)	D.O. (mg/l)	Turbidity (NTUs)	Salinity (PSU)
1431	0.1	7.33	18.13	1.01	-9.2	3.32	O.R.	0.8
1433	1	7.09	15.27	1.93	-18.2	2.71	O.R.	1.0
1437	2	7.00	14.68	2.22	0.5	2.56	O.R.	1.2
1443	3	7.01	14.74	2.10	15.0	2.00	O.R.	1.1
1446	4	7.03	14.67	2.00	14.7	1.73	3927	1.0
1450	5	7.04	14.73	1.93	-15.1	1.55	3049	1.0
1457	6	7.06	14.67	1.87	-26.5	1.11	2201	1.0
1502	7	7.06	14.64	1.84	-29	0.88	1905	1.0
1506	8	7.04	14.37	2.06	-26.7	0.74	O.R.	1.1
1510	9	7.03	14.46	2.14	-30.8	0.65	O.R.	1.1
1514	10	7.02	14.37	2.23	-32.8	0.58	1324	1.2
1518	11	7.01	14.37	2.28	-34.7	0.52	2388	1.2

Total Volume of Water Removed from Well (gallons): 11

Comments on Well Development: 1503 - well surging by hand

WELL DEVELOPMENT REPORT

WELL No.

MW-5C

Project Number: 21.0056730.40	**Geologist: Dan Peacock**	**Ground El.:**
Client: Coyne Textile Services	**Project Manager: Tom Bohlen**	**El. Datum:**
Location (City, State): Syracuse, NY	**Development Date: 7/15/15**	**Stick-up**
Contractor: GZA Personnel	**Water Level (ft): 13.37**	**Flushmount X**
Driller: Nothnagle	Note: All water level measurements shall be from the top of the well riser.	

Depth to Water before Development (feet): 13.37

Comments: PID: 0.1 ppm of headspace in well

Depth to Bottom of Well prior to Development (feet): 49.80

Comments:

Volume of Water to be removed (gallons): 14.57

Method of Well Development: Waterra with flow cell and turbidity meter

Comments:

Type of Water Quality Meter (Make & Model): Insitu SmarTroll MP SN 360684

Turbidity Meter: Lamotte 2020 we/wi SN 4713-3514

O.R. --> Over Range

TIME	VOLUME (gal)	pH	Temperature (°C)	Conductivity (mS/cm)	Redox Potential (mV)	D.O. (mg/l)	Turbidity (NTUs)	Salinity (PSU)
1335	0.1	7.60	15.95	1.44	27.2	0.06	O.R.	0.9
1337	1	7.30	13.82	2.22	-1.1	0.01	O.R.	1.2
1339	2	7.25	13.74	2.27	-1.8	0.01	O.R.	1.2
1340	3	7.22	13.61	2.30	-2.6	0.01	O.R.	1.2
1341	4	7.20	13.71	2.34	-3.1	0.01	O.R.	1.2
1342	5	7.17	13.65	2.35	-3.7	0.01	O.R.	1.2
1345	6	7.13	13.73	2.4	-2.5	0.00	O.R.	1.2
1347	7	7.11	13.64	2.41	-2.8	0.00	O.R.	1.3
1348	8	7.10	13.55	2.44	-2.4	0.00	O.R.	1.3
1350	9	7.09	13.74	2.44	-3.0	0.00	O.R.	1.3
1352	10	7.08	13.94	2.45	-2.8	0.01	O.R.	1.3
1354	11	7.07	15.54	2.45	-5.0	0.04	O.R.	1.3
1357	12	7.06	16.59	2.45	-7.2	0.05	O.R.	1.3
1359	13	7.05	17.06	2.45	-8.1	0.06	O.R.	1.3
1400	14	7.04	17.60	2.44	-9.1	0.07	O.R.	1.3
1402	15	7.05	14.41	2.44	-0.2	0.00	O.R.	1.3

Total Volume of Water Removed from Well (gallons): 15

Comments on Well Development: 1335 - well surged by hand

WELL DEVELOPMENT REPORT

WELL No.

MW-6A

Project Number: 21.0056730.40	**Geologist: J. Sanberg**	**Ground El.:**
Client: Coyne Textile Services	**Project Manager: Tom Bohlen**	**El. Datum:**
Location (City, State): Syracuse, NY	**Development Date: 7/16/15**	**Stick-up**
Contractor: GZA Personnel	**Water Level (ft): 10.52**	**Flushmount X**
Driller: Nothnagle	Note: All water level measurements shall be from the top of the well riser.	

Depth to Water before Development (feet): 10.52

Comments: PID: 0.7 ppm of headspace in well

Depth to Bottom of Well prior to Development (feet): 21.80

Comments:

Volume of Water to be removed (gallons): 4.5

Method of Well Development: Waterra with flow cell and turbidity meter

Comments:

Type of Water Quality Meter (Make & Model): Insitu SmarTroll MP SN 360684

Turbidity Meter: Lamotte 2020 we/wi SN 4713-3514

O.R. --> Over Range

TIME	VOLUME (gal)	pH	Temperature (°C)	Conductivity (mS/cm)	Redox Potential (mV)	D.O. (mg/l)	Turbidity (NTUs)	Salinity (PSU)
1231	0.25	6.80	15.68	3.47	-9.1	1.55	O.R.	1.8
1235	1.5	6.79	14.96	3.52	-7.6	1.30	O.R.	1.9
1239	2.5	6.79	14.12	3.56	-8.7	0.78	O.R.	1.7
1243	4	6.79	14.01	3.61	-9.6	0.50	O.R.	1.9
1245	5	6.78	14.73	3.59	-9.8	0.52	O.R.	1.9

Total Volume of Water Removed from Well (gallons): 5

Comments on Well Development: Well surged prior to purge

WELL DEVELOPMENT REPORT

WELL No.

MW-6B

Project Number: 21.0056730.40	**Geologist: J. Sanberg**	**Ground El.:**
Client: Coyne Textile Services	**Project Manager: Tom Bohlen**	**El. Datum:**
Location (City, State): Syracuse, NY	**Development Date: 7/16/15**	**Stick-up**
Contractor: GZA Personnel	**Water Level (ft): 10.32**	**Flushmount X**
Driller: Nothnagle	Note: All water level measurements shall be from the top of the well riser.	

Depth to Water before Development (feet): 10.32

Comments: PID: 0.4 ppm of headspace in well

Depth to Bottom of Well prior to Development (feet): 32.70

Comments:

Volume of Water to be removed (gallons): 9

Method of Well Development: Waterra with flow cell and turbidity meter

Comments:

Type of Water Quality Meter (Make & Model): Insitu SmarTroll MP SN 360684

Turbidity Meter: Lamotte 2020 we/wi SN 4713-3514

O.R. --> Over Range

TIME	VOLUME (gal)	pH	Temperature (°C)	Conductivity (mS/cm)	Redox Potential (mV)	D.O. (mg/l)	Turbidity (NTUs)	Salinity (PSU)
1145	0.5	6.89	15.91	3.21	-23.2	0.09	O.R.	1.7
1147	1	6.81	15.62	3.26	-26.4	0.12	O.R.	1.7
1149	2	6.82	14.85	3.36	-27.2	0.01	O.R.	1.8
1153	3.5	6.80	14.28	3.46	-27.7	0.00	O.R.	1.8
1159	5	6.79	15.09	3.46	-32.0	0.00	O.R.	1.8
1205	7	6.79	14.50	3.49	-29.6	-0.01	O.R.	1.8
1213	9	6.79	14.37	3.48	-30.5	-0.01	O.R.	1.8

Total Volume of Water Removed from Well (gallons): 9

Comments on Well Development: Well surged prior to purge

WELL DEVELOPMENT REPORT

WELL No.

MW-6C

Project Number: 21.0056730.40	**Geologist: J. Sanberg**	**Ground El.:**
Client: Coyne Textile Services	**Project Manager: Tom Bohlen**	**El. Datum:**
Location (City, State): Syracuse, NY	**Development Date: 7/16/15**	**Stick-up**
Contractor: GZA Personnel	**Water Level (ft): 13.85**	**Flushmount X**
Driller: Nothnagle	Note: All water level measurements shall be from the top of the well riser.	

Depth to Water before Development (feet): 13.85

Comments: PID: 0.3 ppm of headspace in well

Depth to Bottom of Well prior to Development (feet): 50.00

Comments:

Volume of Water to be removed (gallons): 14.46

Method of Well Development: Waterra with flow cell and turbidity meter

Comments:

Type of Water Quality Meter (Make & Model): Insitu SmarTroll MP SN 360684

Turbidity Meter: Lamotte 2020 we/wi SN 4713-3514

O.R. --> Over Range

TIME	VOLUME (gal)	pH	Temperature (°C)	Conductivity (mS/cm)	Redox Potential (mV)	D.O. (mg/l)	Turbidity (NTUs)	Salinity (PSU)
1016	0.1	8.17	20.79	0.39	41.1	5.66	O.R.	0.2
1022	1.5	7.86	13.88	0.46	38.5	0.24	O.R.	0.2
1024	2	7.81	13.96	0.53	36.3	0.12	O.R.	0.3
1027	3.5	7.67	13.82	0.77	33.0	0.04	O.R.	0.4
1038	8	7.35	13.64	1.26	16.0	0.01	O.R.	0.6
1045	11	7.24	13.55	1.54	10.6	0.01	O.R.	0.8
1048	12.5	7.20	13.54	1.65	8.4	0.01	O.R.	0.8
1053	15	7.16	13.50	1.80	8.3	0.00	O.R.	0.9

Total Volume of Water Removed from Well (gallons): 15

Comments on Well Development: Well surged prior to purge

WELL DEVELOPMENT REPORT

WELL No.

MW-7A

Project Number: 21.0056730.40	**Geologist: Pat Finnerty**	**Ground El.:**
Client: Coyne Textile Services	**Project Manager: Tom Bohlen**	**El. Datum:**
Location (City, State): Syracuse, NY	**Development Date: 7/17/15**	**Stick-up**
Contractor: GZA Personnel	**Water Level (ft): 9.03**	**Flushmount X**
Driller: Nothnagle	Note: All water level measurements shall be from the top of the well riser.	

Depth to Water before Development (feet): 9.03

Comments: PID: 0.1 ppm of headspace in well

Depth to Bottom of Well prior to Development (feet): 20.09

Comments:

Volume of Water to be removed (gallons): 5

Method of Well Development: Waterra with flow cell and turbidity meter

Comments:

Type of Water Quality Meter (Make & Model): Insitu SmarTroll MP SN 360684

Turbidity Meter: Lamotte 2020 we/wi SN 4713-3514

O.R. --> Over Range

TIME	VOLUME (gal)	pH	Temperature (°C)	Conductivity (mS/cm)	Redox Potential (mV)	D.O. (mg/l)	Turbidity (NTUs)	Salinity (PSU)
1305	0.1	6.60	24.01	1.97	-0.7	2.68	O.R.	1.0
1309	1	6.59	14.87	1.87	22.2	0.95	O.R.	1.0
1312	2	6.62	14.41	1.93	10.3	0.54	O.R.	1.0
1314	3	6.67	14.43	2.04	-0.1	0.46	O.R.	1.0
1317	4	6.70	14.46	2.14	-5.5	0.42	O.R.	1.1
1319	5	6.72	14.42	2.25	-10.8	0.38	O.R.	1.2

Total Volume of Water Removed from Well (gallons): 5

Comments on Well Development: Hand surging at 1305

WELL DEVELOPMENT REPORT

WELL No.

MW-7B

Project Number: 21.0056730.40	**Geologist: Pat Finnerty**	**Ground El.:**
Client: Coyne Textile Services	**Project Manager: Tom Bohlen**	**El. Datum:**
Location (City, State): Syracuse, NY	**Development Date: 7/17/15**	**Stick-up**
Contractor: GZA Personnel	**Water Level (ft): 13.43**	**Flushmount X**
Driller: Nothnagle	Note: All water level measurements shall be from the top of the well riser.	

Depth to Water before Development (feet): 13.43

Comments: PID: 0.2 ppm of headspace in well

Depth to Bottom of Well prior to Development (feet): 28.76

Comments:

Volume of Water to be removed (gallons): 6.1

Method of Well Development: Waterra with flow cell and turbidity meter

Comments:

Type of Water Quality Meter (Make & Model): Insitu SmarTroll MP SN 360684

Turbidity Meter: Lamotte 2020 we/wi SN 4713-3514

O.R. --> Over Range

TIME	VOLUME (gal)	pH	Temperature (°C)	Conductivity (mS/cm)	Redox Potential (mV)	D.O. (mg/l)	Turbidity (NTUs)	Salinity (PSU)
1130	0.1	7.24	24.71	1.72	-14.5	5.56	O.R.	0.9
1151	1	6.57	20.23	1.96	1.9	3.04	O.R.	1.0
1206	2	6.57	17.38	1.95	8.5	2.18	O.R.	1.0
1222	3	6.61	16.48	1.96	6.2	1.57	O.R.	1.0
1229	4	6.63	15.81	2.01	0.5	1.26	O.R.	1.0
1234	5	6.63	16.08	1.98	-0.4	1.09	O.R.	1.0
1242	6	6.63	16.84	1.94	-1.7	0.99	O.R.	1.0
1246	6.5	6.83	16.17	1.95	-1.7	0.81	O.R.	1.0

Total Volume of Water Removed from Well (gallons): 6.5

Comments on Well Development: Well surged by hand at 1125 and 1208

WELL DEVELOPMENT REPORT

WELL No.

MW-7C

Project Number: 21.0056730.40	**Geologist: Pat Finnerty**	**Ground El.:**
Client: Coyne Textile Services	**Project Manager: Tom Bohlen**	**El. Datum:**
Location (City, State): Syracuse, NY	**Development Date: 7/17/15**	**Stick-up**
Contractor: GZA Personnel	**Water Level (ft): 13.94**	**Flushmount X**
Driller: Nothnagle	Note: All water level measurements shall be from the top of the well riser.	

Depth to Water before Development (feet): 13.94

Comments: PID: 0.0 ppm of headspace in well

Depth to Bottom of Well prior to Development (feet): 46.12

Comments:

Volume of Water to be removed (gallons): 12.8

Method of Well Development: Waterra with flow cell and turbidity meter

Comments:

Type of Water Quality Meter (Make & Model): Insitu SmarTroll MP SN 360684

Turbidity Meter: Lamotte 2020 we/wi SN 4713-3514

O.R. --> Over Range

TIME	VOLUME (gal)	pH	Temperature (°C)	Conductivity (mS/cm)	Redox Potential (mV)	D.O. (mg/l)	Turbidity (NTUs)	Salinity (PSU)
935	0.1	8.05	25.80	0.4	48.1	8.01	O.R.	0.2
943	1	7.05	16.12	1.92	12.1	3.61	O.R.	1.0
948	2	6.93	15.54	1.98	14.8	2.95	O.R.	1.0
956	3	6.91	15.50	2.00	14.8	2.40	2771	1.0
1003	4	6.90	15.98	2.01	14.5	1.10	2432	1.0
1009	5	6.89	16.37	2.01	14.9	1.52	2283	1.0
1016	6	6.90	15.90	2.03	14.7	1.09	1707	1.0
1025	7	6.89	16.66	2.14	12.0	0.73	O.R.	1.1
1033	8	6.91	15.54	2.1	13.9	0.49	1629	1.1
1038	9	6.91	15.36	2.07	16.2	0.37	750	1.1
1044	10	6.92	15.20	2.07	17.6	0.31	87	1.1
1049	11	6.92	15.27	2.07	18.6	0.25	87	1.1
1055	12	6.92	15.23	2.08	20.1	0.20	62	1.1
1101	13	6.92	15.26	2.08	21.1	0.17	43.9	1.1

Total Volume of Water Removed from Well (gallons): 13

Comments on Well Development: Well surged by hand at 0934 and 1017

APPENDIX D

MONITORING WELL SAMPLING FORMS

GZA GeoEnvironmental, Inc.
Proactive by Design

GROUNDWATER SAMPLING REPORT

Project Number: 21.0056730.40	Date (mmddyy): 7/17/15	Well ID: MW-4
Client: Coyne Textile Services	Name (Printed): Patrick Finnerty	Monitoring Well Diameter (in): 1 Inch
Location (City, State): Syracuse, NY	Static Water Level (ft): 8.49	Total Well Depth (ft): 20.18

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model) YSI Quatro 4M
	Bailer:	Waterra Tubing	
	Peristaltic Pump	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well			
Is surface seal good?	NA	Yes	No
Is well cover intact?	NA	Yes	No
Is well cap present?	NA	Yes	No
Are bolts missing?	NA	Yes	No
Is well locked?	NA	Yes	No

Initial Water Level (ft):	8.49	Start Time:	14:53	Flow Rate (ml/min):	75
Final Water Level (ft):	8.49	Stop Time:	15:43	Volume Purged (gal):	< 1 gallon
Sampling Depth (ft)	18.00	Notes: PID: 0.3ppm of headspace in well			
Gas Pressure (psi)	20.00				

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1453	0	8.49	20.05	6.86	3.41	1.16	-46.3	37.8
1500	7	8.49	18.81	6.84	3.46	1.05	-45.5	20
1510	17	8.49	21.99	6.80	3.53	0.67	-49.2	-
1522	29	8.49	22.95	6.80	3.53	0.64	-52.3	17.9
1525	32	8.49	22.82	6.80	3.53	0.60	-51.0	15.9
1530	37	8.49	22.79	6.79	3.53	0.54	-50.9	15.3
1538	45	8.49	22.96	6.79	3.53	0.51	-50.0	15.8
1543	50	8.49	23.12	6.80	3.53	0.49	-49.8	17.8

Sampling Notes: Sampling started @ 1545 by PCF

Sample ID: MW-4-71715	Date & Time: 7/17/2015 | 1545	Sampled By (Printed): Patrick Finnerty
Sample Analysis:		Signature:
Analytical Laboratory (Name and Location):		Chain of Custody Number: Not Available

GZA GeoEnvironmental, Inc.
Proactive by Design

GROUNDWATER SAMPLING REPORT

Project Number: 21.0056730.40	Date (mmddyy): 7/20/15	Well ID: MW-4
Client: Coyne Textile Services	Name (Printed): Patrick Finnerty	Monitoring Well Diameter (in): 1 Inch
Location (City, State): Syracuse, NY	Static Water Level (ft): 8.64	Total Well Depth (ft): 20.15

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Condition of Monitoring Well			
Is surface seal good?	NA	Yes	No
Is well cover intact?	NA	Yes	No
Is well cap present?	NA	Yes	No
Are bolts missing?	NA	Yes	No
Is well locked?	NA	Yes	No

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model)
	Bailer:	Waterra Tubing	YSI Quatro 4M FA02111
	Peristaltic Pump	Bladder Pump	
	Whale Pump	Other	

Initial Water Level (ft):	8.64	Start Time:	12:45	Flow Rate (ml/min):	40
Final Water Level (ft):	8.64	Stop Time:	13:53	Volume Purged (gal):	< 1 gallon
Sampling Depth (ft)	18.00	Notes: PID: 0.4ppm of headspace in well			
Gas Pressure (psi)	20.00				

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1310	25	8.64	35.8	7.00	3.12	1.65	-153.1	-
1314	29	8.64	35.3	6.99	3.18	1.45	-139.9	-
1325	40	8.64	29.4	6.85	3.55	0.49	-194.1	41.6
1334	49	8.64	28.4	6.85	3.54	0.32	-202.4	31.9
1342	57	8.64	26.6	6.86	3.51	0.19	-208.0	21.6
1347	62	8.64	27.0	6.86	3.50	0.14	-209.1	20.9
1353	68	8.64	27.1	6.87	3.49	0.12	-209.6	16.6

Sampling Notes: First 2 readings taken before turbidity could be taken; 1334 sulfur-like smell from well water; slight sheen on water

Sample ID: MW-4-72015	Date & Time: 7/20/2015 | 1401	Sampled By (Printed): Patrick Finnerty
Sample Analysis:		Signature:
Analytical Laboratory (Name and Location):		Chain of Custody Number: Not Available

GZA GeoEnvironmental, Inc.
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GROUNDWATER SAMPLING REPORT

Project Number: 21.0056730.40	Date (mmddyy): 7/20/15	Well ID: MW-5A
Client: Coyne Textile Services	Name (Printed): Patrick Finnerty	Monitoring Well Diameter (in): 1 Inch
Location (City, State): Syracuse, NY	Static Water Level (ft): 8.43	Total Well Depth (ft): 21.21

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model)
	Bailer:	Waterra Tubing	YSI Quatro 4M FA02111
	Peristaltic Pump	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well			
Is surface seal good?	NA	Yes	No
Is well cover intact?	NA	Yes	No
Is well cap present?	NA	Yes	No
Are bolts missing?	NA	Yes	No
Is well locked?	NA	Yes	No

Initial Water Level (ft):	8.43	Start Time:	14:37	Flow Rate (ml/min):	40
Final Water Level (ft):	8.40	Stop Time:	15:51	Volume Purged (gal):	< 1 gallon
Sampling Depth (ft)	19.00	Notes: PID: 0.6ppm of headspace in well			
Gas Pressure (psi)	25.00				

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1442	5	8.34	20.4	6.87	3.37	2.00	-100.8	O.R
1446	9	8.38	20.2	6.90	3.46	2.23	-100.6	3489
1450	13	8.38	19.5	6.93	3.53	2.32	-147.2	1576
1455	18	8.38	19.3	6.96	3.51	2.84	-128.6	1069
1500	23	8.38	19.4	6.97	3.50	2.93	-124.7	949
1505	28	8.38	19.5	6.96	3.50	2.38	-122.1	632
1515	38	8.38	19.3	6.95	3.49	2.02	-118.8	100
1525	48	8.38	19.5	6.97	3.48	2.05	-117.2	125.0
1535	58	8.40	21.0	6.97	3.48	1.89	-118.6	101.3
1540	63	8.40	21.4	6.97	3.49	1.57	-118.0	68.8
1545	68	8.40	21.7	6.98	3.49	1.49	-117.5	61.0
1551	74	8.40	21.1	6.94	3.50	1.24	-117.2	46.9

Sampling Notes: Started sampling @ 1555; O.R. --> Over Range (turbidity)

Sample ID: MW-5A-72015	Date & Time: 7/20/2015 | 1555	Sampled By (Printed): Patrick Finnerty
Sample Analysis:		Signature:
Analytical Laboratory (Name and Location):		Chain of Custody Number: Not Available

GZA GeoEnvironmental, Inc.
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GROUNDWATER SAMPLING REPORT

Project Number: 21.0056730.40	Date (mmddyy): 7/21/15	Well ID: MW-5B
Client: Coyne Textile Services	Name (Printed): Patrick Finnerty	Monitoring Well Diameter (in): 1 Inch
Location (City, State): Syracuse, NY	Static Water Level (ft): 8.82	Total Well Depth (ft): 35.83

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Condition of Monitoring Well			
Is surface seal good?	NA	Yes	No
Is well cover intact?	NA	Yes	No
Is well cap present?	NA	Yes	No
Are bolts missing?	NA	Yes	No
Is well locked?	NA	Yes	No

Purging and Sampling Equipment (Check Applicable)			
Bailer:	Waterra Tubing	Water Qaulity Meter (Manufacturer & Model) YSI Quatro 4M FA02111	
Peristaltic Pump	Bladder Pump		
Whale Pump	Other		

Initial Water Level (ft):	9.11	Start Time:	8:51	Flow Rate (ml/min):	75
Final Water Level (ft):	9.28	Stop Time:	11:07	Volume Purged (gal):	< 1 gallon
Sampling Depth (ft)	34.00	Notes: PID: 0.4ppm of headspace in well			
Gas Pressure (psi)	30.00				

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1022	5	9.11	21.7	7.03	2.21	40.50	-170.8	746.0
1027	10	9.28	19.0	7.02	2.41	1.12	-162.0	101.0
1032	15	9.31	18.0	7.02	2.43	0.82	-159.7	52.0
1037	20	9.30	18.0	7.02	2.46	0.69	-160.4	32.0
1047	30	9.28	17.8	7.02	2.49	0.48	-163.5	13.5
1057	40	9.29	17.7	7.03	2.48	0.32	-164.0	8.0
1102	45	9.28	18.1	7.04	2.48	0.33	-161.7	5.6
1107	50	9.28	18.3	7.04	2.48	0.38	-161.2	5.2

Sampling Notes: Pumping paused @ 0851 due to equipment failure, resumes @ ~1017; slight sheen on water

Sample ID: MW-5B-72115	Date & Time: 7/21/2015 | 1110	Sampled By (Printed): Patrick Finnerty
Sample Analysis:		Signature:
Analytical Laboratory (Name and Location):		Chain of Custody Number: Not Available

GZA GeoEnvironmental, Inc.
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GROUNDWATER SAMPLING REPORT

Project Number: 21.0056730.40	Date (mmddyy): 7/21/15	Well ID: MW-5C
Client: Coyne Textile Services	Name (Printed): Patrick Finnerty	Monitoring Well Diameter (in): 1 Inch
Location (City, State): Syracuse, NY	Static Water Level (ft): 13.60	Total Well Depth (ft): 49.72

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model)
	Bailer:	Waterra Tubing	YSI Quatro 4M FA02111
	Peristaltic Pump	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well			
Is surface seal good?	NA	Yes	No
Is well cover intact?	NA	Yes	No
Is well cap present?	NA	Yes	No
Are bolts missing?	NA	Yes	No
Is well locked?	NA	Yes	No

Initial Water Level (ft):	13.60	Start Time:	11:53	Flow Rate (ml/min):	95
Final Water Level (ft):	13.61	Stop Time:	12:55	Volume Purged (gal):	< 1 gallon
Sampling Depth (ft)	48.00	Notes: PID: 0.1ppm of headspace in well			
Gas Pressure (psi)	40.00				

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1200	7	13.49	17.4	7.05	2.51	1.17	-105.3	667.0
1205	12	13.50	17.4	7.06	2.61	1.89	-105.2	122.0
1210	17	13.52	18.1	7.08	2.64	1.56	-104.6	98.3
1215	22	13.52	17.7	7.07	2.68	2.83	-104.1	80.0
1220	27	13.52	17.6	7.07	2.68	2.80	-104.1	63.8
1225	32	13.52	17.4	7.07	2.69	2.75	-102.7	52.4
1235	42	13.48	18.1	7.08	2.71	2.85	-102.8	38.4
1245	52	13.36	17.6	7.08	2.73	2.80	-103.5	40.7
1250	57	13.60	17.7	7.07	2.73	2.74	-103.7	58.2
1255	62	13.61	17.9	7.08	2.75	2.76	-103.5	46.2

Sampling Notes: MSMSD Completed @ 1355

Sample ID: MW-5C-72115	Date & Time: 7/21/2015 | 1300	Sampled By (Printed): Patrick Finnerty
Sample Analysis:		Signature:
Analytical Laboratory (Name and Location):		Chain of Custody Number: Not Available

GZA GeoEnvironmental, Inc.
Proactive by Design

GROUNDWATER SAMPLING REPORT

Project Number: 21.0056730.40	Date (mmddyy): 7/21/15	Well ID: MW-6A
Client: Coyne Textile Services	Name (Printed): Patrick Finnerty	Monitoring Well Diameter (in): 1 Inch
Location (City, State): Syracuse, NY	Static Water Level (ft): 9.13	Total Well Depth (ft): 21.82

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model)
	Bailer:	Waterra Tubing	YSI Quatro 4M FA02111
	Peristaltic Pump	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well			
Is surface seal good?	NA	Yes	No
Is well cover intact?	NA	Yes	No
Is well cap present?	NA	Yes	No
Are bolts missing?	NA	Yes	No
Is well locked?	NA	Yes	No

Initial Water Level (ft):	9.13	Start Time:	14:30	Flow Rate (ml/min):	75
Final Water Level (ft):	9.11	Stop Time:	15:30	Volume Purged (gal):	< 1 gallon
Sampling Depth (ft)	20.00	Notes: PID: 2.9ppm of headspace in well			
Gas Pressure (psi)	30.00				

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1440	10	9.13	22.0	7.13	3.51	5.30	-120.7	O.R.
1445	15	9.13	23.6	6.89	3.49	2.40	-66.0	3110.0
1450	20	9.13	23.5	6.83	3.46	1.42	-50.4	1730.0
1455	25	9.13	22.7	6.83	3.39	1.02	-51.9	952.0
1500	30	9.11	19.4	6.82	3.32	0.60	-50.4	79.0
1505	35	9.11	19.7	6.82	3.34	0.68	-54.7	80.3
1510	40	9.13	20.3	6.82	3.38	0.58	-69.1	49.6
1520	50	9.13	20.1	6.83	3.40	0.38	-67.0	37.7
1525	55	9.13	20.2	6.83	3.41	0.33	-65.1	22.0
1530	60	9.13	20.4	6.83	3.42	0.31	-62.6	16.2

Sampling Notes: Sampling started @ 1535; slight sheen on water from well

Sample ID: MW-6A-72115	Date & Time: 7/21/2015 | 1535	Sampled By (Printed): Patrick Finnerty
Sample Analysis:		Signature:
Analytical Laboratory (Name and Location):		Chain of Custody Number: Not Available

GZA GeoEnvironmental, Inc.
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GROUNDWATER SAMPLING REPORT

Project Number: 21.0056730.40	Date (mmddyy): 7/23/15	Well ID: MW-6B
Client: Coyne Textile Services	Name (Printed): Patrick Finnerty	Monitoring Well Diameter (in): 1 Inch
Location (City, State): Syracuse, NY	Static Water Level (ft): 10.99	Total Well Depth (ft): 32.71

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Condition of Monitoring Well			
Is surface seal good?	NA	Yes	No
Is well cover intact?	NA	Yes	No
Is well cap present?	NA	Yes	No
Are bolts missing?	NA	Yes	No
Is well locked?	NA	Yes	No

Purging and Sampling Equipment (Check Applicable)			
Bailer:	Waterra Tubing	Water Qaulity Meter (Manufacturer & Model) YSI Quatro 4M FA02111	
Peristaltic Pump	Bladder Pump		
Whale Pump	Other		

Initial Water Level (ft):	10.89	Start Time:	9:20	Flow Rate (ml/min):	45
Final Water Level (ft):	11.05	Stop Time:	10:21	Volume Purged (gal):	< 1 gallon
Sampling Depth (ft)	31.00	Notes: PID: 0.8ppm of headspace in well			
Gas Pressure (psi)	20.00				

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
934	14	11.05	21.8	6.83	2.96	1.99	-88.8	13.9
939	19	11.12	21.9	6.84	3.19	1.41	-105.4	7.4
944	24	11.12	21.8	6.82	3.42	1.14	-111.8	9.1
954	34	11.12	20.2	6.82	3.59	0.41	-120.2	7.5
1001	41	11.12	20.5	6.85	3.59	0.64	-116.6	-
1006	46	11.12	20.6	6.83	3.62	0.35	-114.2	-
1011	51	11.12	20.1	6.83	3.61	0.25	-116.7	7.7
1016	56	11.12	20.0	6.83	3.62	0.23	-118.0	-
1021	61	11.14	20.1	6.83	3.60	0.21	-117.9	4.4

Sampling Notes: Started sampling @ 1025

Sample ID: MW-6B-72315	Date & Time: 7/23/2015 | 1025	Sampled By (Printed): Patrick Finnerty
Sample Analysis:		Signature:
Analytical Laboratory (Name and Location):		Chain of Custody Number: Not Available

GZA GeoEnvironmental, Inc.
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GROUNDWATER SAMPLING REPORT

Project Number: 21.0056730.40	Date (mmddyy): 7/23/15	Well ID: MW-6C
Client: Coyne Textile Services	Name (Printed): Patrick Finnerty	Monitoring Well Diameter (in): 1 Inch
Location (City, State): Syracuse, NY	Static Water Level (ft): 14.15	Total Well Depth (ft): 50.01

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model)
	Bailer:	Waterra Tubing	YSI Quatro 4M FA02111
	Peristaltic Pump	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well			
Is surface seal good?	NA	Yes	No
Is well cover intact?	NA	Yes	No
Is well cap present?	NA	Yes	No
Are bolts missing?	NA	Yes	No
Is well locked?	NA	Yes	No

Initial Water Level (ft):	14.15	Start Time:	11:20	Flow Rate (ml/min):	60
Final Water Level (ft):	14.15	Stop Time:	12:45	Volume Purged (gal):	< 1 gallon
Sampling Depth (ft)	48.00	Notes: PID: 0.0ppm of headspace in well			
Gas Pressure (psi)	35.00				

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1155	35	14.18	24.5	7.26	1.75	7.33	-1.6	1082.0
1200	40	14.15	24.3	6.99	2.56	4.16	-91.0	1269.0
1205	45	14.16	24.6	6.96	2.73	2.55	-95.3	1171.0
1215	55	14.15	23.0	6.93	2.96	1.23	-107.8	732.0
1225	65	14.15	23.4	6.94	2.93	1.00	-108.2	93.0
1235	75	14.15	23.8	6.94	3.01	1.00	-107.5	73.0
1240	80	14.15	22.0	6.94	2.95	0.93	-108.1	54.2
1245	85	14.15	22.8	6.95	2.95	0.96	-108.2	45.1

Sampling Notes: Bladder pump pulled out @ ~1135 to be inspected; Started sampling @ 1250

Sample ID: MW-6C-72315	Date & Time: 7/23/2015 | 1250	Sampled By (Printed): Patrick Finnerty
Sample Analysis:		Signature:
Analytical Laboratory (Name and Location):		Chain of Custody Number: Not Available

GZA GeoEnvironmental, Inc.
Proactive by Design

GROUNDWATER SAMPLING REPORT

Project Number: 21.0056730.40	Date (mmddyy): 7/22/15	Well ID: MW-7A
Client: Coyne Textile Services	Name (Printed): Patrick Finnerty	Monitoring Well Diameter (in): 1 Inch
Location (City, State): Syracuse, NY	Static Water Level (ft): 9.39	Total Well Depth (ft): 20.05

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model)
	Bailer:	Waterra Tubing	YSI Quatro 4M FA02111
	Peristaltic Pump	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well			
Is surface seal good?	NA	Yes	No
Is well cover intact?	NA	Yes	No
Is well cap present?	NA	Yes	No
Are bolts missing?	NA	Yes	No
Is well locked?	NA	Yes	No

Initial Water Level (ft):	9.40	Start Time:	10:32	Flow Rate (ml/min):	40
Final Water Level (ft):	9.45	Stop Time:	13:35	Volume Purged (gal):	< 1 gallon
Sampling Depth (ft)	18.00	Notes: PID: 0.0ppm of headspace in well			
Gas Pressure (psi)	20.00				

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1045	13	9.41	28.2	6.73	2.26	0.93	-140.4	2003
1050	18	9.41	27.4	6.75	2.38	0.78	-140.8	O.R.
1055	23	9.41	27.6	6.76	2.39	0.47	-140.0	O.R.
1100	28	9.41	27.8	6.76	2.41	0.38	-138.2	O.R.
1105	33	9.41	27.5	6.77	2.45	0.32	-138.1	1845
1115	43	9.41	26.9	6.78	2.49	0.19	-142.3	O.R.
1125	53	9.41	27.0	6.78	2.52	0.13	-143.4	1828
1135	63	9.41	26.4	6.78	2.56	0.12	-143.4	1358
1145	73	9.41	27.0	6.78	2.57	0.09	-144.0	849
1150	78	9.42	27.1	6.78	2.59	0.08	-143.8	707
1155	83	9.41	27.1	6.78	2.58	0.07	-143.4	687
1205	93	9.41	25.4	6.78	2.61	0.07	-142.6	148
1210	98	9.41	26.2	6.77	2.59	0.06	-142.4	120
1220	108	9.41	26.3	6.78	2.62	0.06	-140.6	73

Sampling Notes: O.R. --> Over Range (turbidity)

Sample ID: MW-7A-72215	Date & Time: 7/22/2015 | 1225	Sampled By (Printed): Patrick Finnerty
Sample Analysis:		Signature:
Analytical Laboratory (Name and Location):		Chain of Custody Number: Not Available

GZA GeoEnvironmental, Inc.
Proactive by Design

GROUNDWATER SAMPLING REPORT

Project Number: 21.0056730.40	Date (mmddyy): 7/22/15	Well ID: MW-7B
Client: Coyne Textile Services	Name (Printed): Patrick Finnerty	Monitoring Well Diameter (in): 1 Inch
Location (City, State): Syracuse, NY	Static Water Level (ft): 13.65	Total Well Depth (ft): 28.83

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Purging and Sampling Equipment (Check Applicable)			Water Qaulity Meter (Manufacturer & Model)
	Bailer:	Waterra Tubing	YSI Quatro 4M FA02111
	Peristaltic Pump	Bladder Pump	
	Whale Pump	Other	

Condition of Monitoring Well			
Is surface seal good?	NA	Yes	No
Is well cover intact?	NA	Yes	No
Is well cap present?	NA	Yes	No
Are bolts missing?	NA	Yes	No
Is well locked?	NA	Yes	No

Initial Water Level (ft):	13.45	Start Time:	13:57	Flow Rate (ml/min):	75
Final Water Level (ft):	17.05	Stop Time:	15:27	Volume Purged (gal):	< 1 gallon
Sampling Depth (ft)	27.00	Notes: PID: 0.8ppm of headspace in well			
Gas Pressure (psi)	35.00				

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1402	5	15.45	20.8	6.88	2.55	0.83	-53.7	1542
1407	10	15.45	21.5	6.89	2.59	0.61	-54.9	939
1412	15	16.01	21.1	6.89	2.58	0.56	-53.8	604
1417	20	16.42	20.6	6.89	2.53	0.55	-52.0	108
1427	30	17.01	23.4	6.89	2.53	0.40	-47.5	120
1437	40	16.95	26.3	6.90	2.57	0.30	-37.4	173
1442	45	16.97	26.7	6.90	2.60	0.25	-33.3	161
1447	50	16.97	26.4	6.90	2.62	0.24	-29.3	103
1452	55	17.01	26.9	6.90	2.63	0.20	-30.4	140

Sampling Notes: Turbidity would not go below 100NTU

Sample ID: MW-7B-72215	Date & Time: 7/22/2015 | 1455	Sampled By (Printed): Patrick Finnerty
Sample Analysis:		Signature:
Analytical Laboratory (Name and Location):		Chain of Custody Number: Not Available

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GROUNDWATER SAMPLING REPORT

Project Number: 21.0056730.40	Date (mmddyy): 7/22/15	Well ID: MW-7C
Client: Coyne Textile Services	Name (Printed): Patrick Finnerty	Monitoring Well Diameter (in): 1 Inch
Location (City, State): Syracuse, NY	Static Water Level (ft): 14.14	Total Well Depth (ft): 46.12

All measurements are to be taken from the reference point/notch on the top of the well riser.

Volume of water in well = Linear feet of water in well * Gallons per foot of depth

Well Diameter (ID) = Gallons per foot of depth: 1 = 0.044 2 = 0.163 4 = 0.653 6 = 1.469 8 = 2.611 10 = 4.080

Condition of Monitoring Well			
Is surface seal good?	NA	Yes	No
Is well cover intact?	NA	Yes	No
Is well cap present?	NA	Yes	No
Are bolts missing?	NA	Yes	No
Is well locked?	NA	Yes	No

Purging and Sampling Equipment (Check Applicable)			
Bailer:	Waterra Tubing	Water Qaulity Meter (Manufacturer & Model) YSI Quatro 4M FA02111	
Peristaltic Pump	Bladder Pump		
Whale Pump	Other		

Initial Water Level (ft):	14.17	Start Time:	13:57	Flow Rate (ml/min):	50
Final Water Level (ft):	14.18	Stop Time:	15:27	Volume Purged (gal):	< 1 gallon
Sampling Depth (ft)	44.00	Notes: PID: 0.0ppm of headspace in well			
Gas Pressure (psi)	30.00				

Groundwater Stabilization Criteria:	
Temperature: ± 3°C	DO: + / - 10% mg/l
pH: + / - 0.1 unit	ORP: + / - 10 mV
SC: + / - 3% mS/cm	Turdity: ± 10% nTu

TIME	ELAPSED TIME	DRAWDOWN (ft)	TEMPERATURE	pH	CONDUCTIVITY	DO	ORP	TURBIDITY
1553	8	14.17	20.9	6.98	1.78	2.01	-113.0	1148
1558	13	14.17	22.3	6.86	2.21	1.18	-112.6	1121
1603	18	14.17	21.2	6.85	2.46	0.69	-111.4	876
1613	28	14.18	21.6	6.86	2.53	0.70	-110.3	750
1623	38	14.18	20.4	6.87	2.62	0.43	-113.0	107
1628	43	14.18	20.8	6.87	2.65	0.41	-111.8	73
1633	48	14.18	18.7	6.88	2.71	0.36	-111.3	49
1638	53	14.18	19.1	6.88	2.74	0.24	-111.1	93

Sampling Notes: Started sampling @ 1645 by PCF

Sample ID: MW-7C-72215	Date & Time: 7/22/2015 | 1655	Sampled By (Printed): Patrick Finnerty
Sample Analysis:		Signature:
Analytical Laboratory (Name and Location):		Chain of Custody Number: Not Available

APPENDIX E

ANALYTICAL TEST RESULTS

ANALYTICAL REPORT

Lab Number:	L1516771
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES-MW INST
Project Number:	21.0056730.40
Report Date:	07/21/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516771
Report Date: 07/21/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516771-01	MW-4-72015	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/20/15 14:01	07/20/15
L1516771-02	MW-5A-72015	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/20/15 15:55	07/20/15
L1516771-03	TRIP BLANK-006-72015	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/20/15 00:00	07/20/15
L1516771-04	FIELD DUPLICATE-002-72015	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/20/15 00:00	07/20/15

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516771
Project Number:	21.0056730.40	**Report Date:**	07/21/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516771
Project Number:	21.0056730.40	**Report Date:**	07/21/15

Case Narrative (continued)

Report Submission

This report contains the results of the Volatile Organics analysis. The results of all other analyses will be issued under separate cover.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative

Date: 07/21/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

SAMPLE RESULTS

Lab ID: L1516771-01
Client ID: MW-4-72015
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/21/15 13:05
Analyst: PD

Date Collected: 07/20/15 14:01
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	0.92		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	3.3		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

SAMPLE RESULTS

Lab ID: L1516771-01 Date Collected: 07/20/15 14:01

Client ID: MW-4-72015 Date Received: 07/20/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.7		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

SAMPLE RESULTS

Lab ID:	L1516771-02 D2	Date Collected:	07/20/15 15:55
Client ID:	MW-5A-72015	Date Received:	07/20/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	07/21/15 14:29		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tetrachloroethene	2700		ug/l	50	18.	100
cis-1,2-Dichloroethene	2200		ug/l	250	70.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	105		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

SAMPLE RESULTS

Lab ID: L1516771-02 D
Client ID: MW-5A-72015
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/21/15 13:33
Analyst: PD

Date Collected: 07/20/15 15:55
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.3	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	2900	E	ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.4	10
Benzene	4.4	J	ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	110		ug/l	10	0.70	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	6.5		ug/l	5.0	1.4	10
trans-1,2-Dichloroethene	12	J	ug/l	25	7.0	10
Trichloroethene	1900		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

SAMPLE RESULTS

Lab ID: L1516771-02 D Date Collected: 07/20/15 15:55

Client ID: MW-5A-72015 Date Received: 07/20/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	2400	E	ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10
n-Propylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	410	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	81		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	107		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

SAMPLE RESULTS

Lab ID: L1516771-03
Client ID: TRIP BLANK-006-72015
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/21/15 12:37
Analyst: PD

Date Collected: 07/20/15 00:00
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

SAMPLE RESULTS

Lab ID: L1516771-03 Date Collected: 07/20/15 00:00

Client ID: TRIP BLANK-006-72015 Date Received: 07/20/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

SAMPLE RESULTS

Lab ID:	L1516771-04 D2	Date Collected:	07/20/15 00:00
Client ID:	FIELD DUPLICATE-002-72015	Date Received:	07/20/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	07/21/15 14:57		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Tetrachloroethene	2700		ug/l	50	18.	100
cis-1,2-Dichloroethene	2200		ug/l	250	70.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	81		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	107		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

SAMPLE RESULTS

Lab ID: L1516771-04 D
Client ID: FIELD DUPLICATE-002-72015
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/21/15 14:01
Analyst: PD

Date Collected: 07/20/15 00:00
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.3	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	3100	E	ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.4	10
Benzene	4.3	J	ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	110		ug/l	10	0.70	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.4	10
trans-1,2-Dichloroethene	14	J	ug/l	25	7.0	10
Trichloroethene	2000		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

SAMPLE RESULTS

Lab ID: L1516771-04 D Date Collected: 07/20/15 00:00

Client ID: FIELD DUPLICATE-002-72015 Date Received: 07/20/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	2400	E	ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10
n-Propylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10
1,4-Dioxane	ND		ug/l	2500	410	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	106		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/21/15 12:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG804668-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/21/15 12:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG804668-3					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylene (Total)	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene (total)	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/21/15 12:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG804668-3					
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516771

Project Number: 21.0056730.40 **Report Date:** 07/21/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/21/15 12:05
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG804668-3					
Iodomethane	ND		ug/l	5.0	5.0
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	81		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516771

Report Date: 07/21/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG804668-1 WG804668-2								
Methylene chloride	112		107		70-130	5		20
1,1-Dichloroethane	94		93		70-130	1		20
Chloroform	99		96		70-130	3		20
2-Chloroethylvinyl ether	94		94		70-130	0		20
Carbon tetrachloride	112		107		63-132	5		20
1,2-Dichloropropane	94		92		70-130	2		20
Dibromochloromethane	111		110		63-130	1		20
1,1,2-Trichloroethane	98		96		70-130	2		20
Tetrachloroethene	108		106		70-130	2		20
Chlorobenzene	101		98		75-130	3		20
Trichlorofluoromethane	74		72		62-150	3		20
1,2-Dichloroethane	84		82		70-130	2		20
1,1,1-Trichloroethane	101		98		67-130	3		20
Bromodichloromethane	97		95		67-130	2		20
trans-1,3-Dichloropropene	93		91		70-130	2		20
cis-1,3-Dichloropropene	102		100		70-130	2		20
1,1-Dichloropropene	96		92		70-130	4		20
Bromoform	102		103		54-136	1		20
1,1,2,2-Tetrachloroethane	91		89		67-130	2		20
Benzene	99		97		70-130	2		20
Toluene	96		94		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

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Report Date: 07/21/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG804668-1 WG804668-2								
Ethylbenzene	90		87		70-130	3		20
Chloromethane	67		64		64-130	5		20
Bromomethane	62		60		39-139	3		20
Vinyl chloride	65		62		55-140	5		20
Chloroethane	**49**	Q	**47**	Q	55-138	4		20
1,1-Dichloroethene	112		106		61-145	6		20
trans-1,2-Dichloroethene	110		107		70-130	3		20
Trichloroethene	104		102		70-130	2		20
1,2-Dichlorobenzene	94		92		70-130	2		20
1,3-Dichlorobenzene	94		92		70-130	2		20
1,4-Dichlorobenzene	92		91		70-130	1		20
Methyl tert butyl ether	111		109		63-130	2		20
p/m-Xylene	96		93		70-130	3		20
o-Xylene	96		92		70-130	4		20
cis-1,2-Dichloroethene	110		107		70-130	3		20
Dibromomethane	104		102		70-130	2		20
1,2,3-Trichloropropane	81		81		64-130	0		20
Acrylonitrile	94		98		70-130	4		20
Diisopropyl Ether	80		78		70-130	3		20
Tert-Butyl Alcohol	114		112		70-130	2		20
Styrene	93		90		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516771

Report Date: 07/21/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG804668-1 WG804668-2								
Dichlorodifluoromethane	92		89		36-147	3		20
Acetone	83		82		58-148	1		20
Carbon disulfide	95		92		51-130	3		20
2-Butanone	82		82		63-138	0		20
Vinyl acetate	**66**	Q	**64**	Q	70-130	3		20
4-Methyl-2-pentanone	90		94		59-130	4		20
2-Hexanone	69		68		57-130	1		20
Acrolein	96		98		40-160	2		20
Bromochloromethane	123		122		70-130	1		20
2,2-Dichloropropane	107		103		63-133	4		20
1,2-Dibromoethane	106		104		70-130	2		20
1,3-Dichloropropane	93		90		70-130	3		20
1,1,1,2-Tetrachloroethane	105		102		64-130	3		20
Bromobenzene	103		102		70-130	1		20
n-Butylbenzene	73		72		53-136	1		20
sec-Butylbenzene	80		79		70-130	1		20
tert-Butylbenzene	88		85		70-130	3		20
o-Chlorotoluene	84		82		70-130	2		20
p-Chlorotoluene	83		82		70-130	1		20
1,2-Dibromo-3-chloropropane	74		75		41-144	1		20
Hexachlorobutadiene	100		100		63-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516771

Report Date: 07/21/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG804668-1 WG804668-2								
Isopropylbenzene	88		86		70-130	2		20
p-Isopropyltoluene	87		86		70-130	1		20
Naphthalene	104		106		70-130	2		20
n-Propylbenzene	80		78		69-130	3		20
1,2,3-Trichlorobenzene	101		102		70-130	1		20
1,2,4-Trichlorobenzene	97		98		70-130	1		20
1,3,5-Trimethylbenzene	86		84		64-130	2		20
1,2,4-Trimethylbenzene	86		85		70-130	1		20
Methyl Acetate	84		82		70-130	2		20
Ethyl Acetate	76		76		70-130	0		20
Cyclohexane	90		86		70-130	5		20
Ethyl-Tert-Butyl-Ether	94		92		70-130	2		20
Tertiary-Amyl Methyl Ether	106		104		66-130	2		20
1,4-Dioxane	127		122		56-162	4		20
Freon-113	107		104		70-130	3		20
p-Diethylbenzene	86		84		70-130	2		20
p-Ethyltoluene	86		86		70-130	0		20
1,2,4,5-Tetramethylbenzene	89		87		70-130	2		20
Ethyl ether	64		63		59-134	2		20
trans-1,4-Dichloro-2-butene	71		70		70-130	1		20
Iodomethane	**224**	Q	**230**	Q	70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516771

Report Date: 07/21/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG804668-1 WG804668-2								
Methyl cyclohexane	103		100		70-130	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	78		79		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	105		106		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516771
Report Date: 07/21/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516771-01A	Vial HCl preserved	A	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1516771-01B	Vial HCl preserved	A	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1516771-02A	Vial HCl preserved	A	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1516771-02B	Vial HCl preserved	A	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1516771-02C	Vial HCl preserved	A	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1516771-03A	Vial HCl preserved	A	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1516771-03B	Vial HCl preserved	A	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1516771-04A	Vial HCl preserved	A	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1516771-04B	Vial HCl preserved	A	N/A	2.3	Y	Absent	NYTCL-8260(14)
L1516771-04C	Vial HCl preserved	A	N/A	2.3	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516771
Project Number:	21.0056730.40	**Report Date:**	07/21/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516771
Project Number:	21.0056730.40	**Report Date:**	07/21/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516771
Project Number:	21.0056730.40	**Report Date:**	07/21/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA Analytical

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/21/15

ALPHA Job #: L1516791

Project Information
Project Name: Coyne Textile Services - MW Installation
Project Location: 140 Cortland Ave Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/21/15
Rush (only if pre approved) ☒ VOCs ONLY # of Days: 1

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor
Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3629
Email: thomas.bohlen@gza.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

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

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK-175	Total Organic Carbon 9060	Total Fe & Mn 6010	Alkalinity 310.1	Sulfate 300	Nitrate 353.2		Sample Specific Comments	Total Bottles
16791 -01	MW-4-72015	7/20/15	1401	Aqueous	PCF	X									
-02	MW-5A-72015	7/20/15	1555	↓	PCF	X	X	X	X	X	X	X			
-03	Trip Blank-006-72015			↓		X									
-04	Field Duplicate-002-72015	7/20/15		Aqueous	PCF	X	X	X	X	X	X	X			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	V	V	P	P	P	P	
Preservative	B	B	D	C	O	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	7/20/15 20:15	[illegible]	7/20/15 2045
[illegible]	7/20/15 2245	[illegible]	7/20/15 2245
[illegible]	7/21/15 0120	[illegible] Phillips	7/21/15 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1516772
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES-MW INST
Project Number:	21.0056730.40
Report Date:	07/27/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516772-01	MW-5A-72015	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/20/15 15:55	07/20/15
L1516772-02	FIELD DUPLICATE-002-72015	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/20/15 00:00	07/20/15

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

Case Narrative (continued)

Report Submission

The results of the Volatile Organics analysis will be issued under separate cover.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1516772-01 and -02: The sample was received above the appropriate pH for the Metals analysis. The laboratory added additional HNO3 to a pH <2.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative

Date: 07/27/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516772

Project Number: 21.0056730.40 **Report Date:** 07/27/15

SAMPLE RESULTS

Lab ID:	L1516772-01	Date Collected:	07/20/15 15:55
Client ID:	MW-5A-72015	Date Received:	07/20/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	117,-		
Analytical Date:	07/23/15 10:08		
Analyst:	MR		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	619		ug/l	0.500	0.500	1	A
Ethene	32.3		ug/l	0.500	0.500	1	A
Ethane	82.6		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST
Lab Number: L1516772
Project Number: 21.0056730.40
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516772-02
Client ID: FIELD DUPLICATE-002-72015
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/23/15 10:23
Analyst: MR

Date Collected: 07/20/15 00:00
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	526		ug/l	0.500	0.500	1	A
Ethene	27.8		ug/l	0.500	0.500	1	A
Ethane	69.8		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516772

Project Number: 21.0056730.40 **Report Date:** 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 07/23/15 09:12
Analyst: MR

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-02 Batch: WG805357-4						
Methane	ND		ug/l	0.500	0.500	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516772

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-02 Batch: WG805357-1									
Methane	85		-		80-120	-		25	A
Ethene	91		-		80-120	-		25	A
Ethane	90		-		80-120	-		25	A

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516772

Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG805357-6 WG805357-7 QC Sample: L1516897-02 Client ID: MS Sample													
Methane	47.7	54.6	110	114		110	114		80-120	0		25	A
Ethene	ND	95.5	104	109		101	106		80-120	3		25	A
Ethane	1.51	102	112	108		108	104		80-120	4		25	A

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits	
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG805357-5 QC Sample: L1516897-03 Client ID: DUP Sample							
Methane	5700	5740	ug/l	1		25	A
Ethene	625	619	ug/l	1		25	A
Ethane	1080	1080	ug/l	0		25	A

METALS

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

SAMPLE RESULTS

Lab ID:	L1516772-01	Date Collected:	07/20/15 15:55
Client ID:	MW-5A-72015	Date Received:	07/20/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, N	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	2.66		mg/l	0.0500	0.0120	1	07/21/15 11:35	07/22/15 16:49	EPA 3005A	1,6020A	KL
Manganese, Total	0.3569		mg/l	0.00100	0.00030	1	07/21/15 11:35	07/22/15 16:49	EPA 3005A	1,6020A	KL

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

SAMPLE RESULTS

Lab ID:	L1516772-02	Date Collected:	07/20/15 00:00
Client ID:	FIELD DUPLICATE-002-72015	Date Received:	07/20/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, N	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	1.97		mg/l	0.0500	0.0120	1	07/21/15 11:35	07/22/15 16:53	EPA 3005A	1,6020A	KL
Manganese, Total	0.3637		mg/l	0.00100	0.00030	1	07/21/15 11:35	07/22/15 16:53	EPA 3005A	1,6020A	KL

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516772

Project Number: 21.0056730.40 **Report Date:** 07/27/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG804488-1										
Iron, Total	ND		mg/l	0.0500	0.0120	1	07/21/15 11:35	07/22/15 15:50	1,6020A	KL
Manganese, Total	0.00030	J	mg/l	0.00100	0.00030	1	07/21/15 11:35	07/22/15 15:50	1,6020A	KL

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516772

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG804488-2								
Iron, Total	96		-		80-120	-		
Manganese, Total	98		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804488-4 QC Sample: L1516769-01 Client ID: MS Sample												
Iron, Total	0.127	1	0.993	87		-	-		75-125	-		20
Manganese, Total	0.0032	0.5	0.5022	100		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804488-3 QC Sample: L1516769-01 Client ID: DUP Sample						
Iron, Total	0.127	0.423	mg/l	**108**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516772-01
Client ID: MW-5A-72015
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Water

Date Collected: 07/20/15 15:55
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	467.		mg CaCO3/L	2.00	NA	1	-	07/21/15 06:00	30,2320B	SG
Nitrogen, Nitrate	0.084	J	mg/l	0.10	0.019	1	-	07/21/15 21:33	44,353.2	MR
Total Organic Carbon	9.4		mg/l	5.0	1.1	10	-	07/23/15 08:33	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	72.4		mg/l	1.00	0.051	1	-	07/22/15 19:39	44,300.0	AU

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516772-02
Client ID: FIELD DUPLICATE-002-72015
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Water

Date Collected: 07/20/15 00:00
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	446.		mg CaCO3/L	2.00	NA	1	-	07/21/15 06:00	30,2320B	SG
Nitrogen, Nitrate	0.032	J	mg/l	0.10	0.019	1	-	07/21/15 21:34	44,353.2	MR
Total Organic Carbon	8.9		mg/l	5.0	1.1	10	-	07/23/15 08:33	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	72.5		mg/l	1.00	0.051	1	-	07/22/15 19:51	44,300.0	AU

Project Name: COYNE TEXTILE SERVICES-MW INST

Lab Number: L1516772

Project Number: 21.0056730.40

Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG804487-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	07/21/15 06:00	30,2320B	SG
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG804731-1										
Nitrogen, Nitrate	0.088	J	mg/l	0.10	0.019	1	-	07/21/15 21:16	44,353.2	MR
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-02 Batch: WG805178-1										
Sulfate	ND		mg/l	1.00	0.051	1	-	07/22/15 18:27	44,300.0	AU
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG805240-1										
Total Organic Carbon	ND		mg/l	0.50	0.11	1	-	07/23/15 08:33	1,9060A	DW

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516772

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG804487-3								
Alkalinity, Total	104		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG804731-2								
Nitrogen, Nitrate	96		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-02 Batch: WG805178-2								
Sulfate	99		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG805240-2								
Total Organic Carbon	98		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516772
Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804487-4 QC Sample: L1516701-01 Client ID: MS Sample												
Alkalinity, Total	54.3	100	152	98		-	-		86-116	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804731-4 QC Sample: L1516790-01 Client ID: MS Sample												
Nitrogen, Nitrate	0.036J	4	3.7	92		-	-		83-113	-		6
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG805178-3 WG805178-4 QC Sample: L1516897-02 Client ID: MS Sample												
Sulfate	670.	200	886	108		885	107		60-140	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG805240-4 QC Sample: L1516897-02 Client ID: MS Sample												
Total Organic Carbon	1.6	20	23	108		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804487-2 QC Sample: L1516701-01 Client ID: DUP Sample						
Alkalinity, Total	54.3	53.9	mg CaCO3/L	1		10
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804731-3 QC Sample: L1516790-01 Client ID: DUP Sample						
Nitrogen, Nitrate	0.036J	0.044J	mg/l	NC		6
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG805240-3 QC Sample: L1516897-02 Client ID: DUP Sample						
Total Organic Carbon	1.6	2.2J	mg/l	NC		20

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516772-01A	Vial H2SO4 preserved	A	N/A	2.3	Y	Absent	TOC-9060(28)
L1516772-01B	Vial H2SO4 preserved	A	N/A	2.3	Y	Absent	TOC-9060(28)
L1516772-01C	20ml Vial HCl preserved	A	N/A	2.3	Y	Absent	DISSGAS(14)
L1516772-01D	20ml Vial HCl preserved	A	N/A	2.3	Y	Absent	DISSGAS(14)
L1516772-01E	Plastic 120ml unpreserved w/No H	A	N/A	2.3	Y	Absent	ALK-T-2320(14)
L1516772-01F	Plastic 250ml unpreserved	A	7	2.3	Y	Absent	SO4-300(28),NO3-353(2)
L1516772-01G	Plastic 250ml HNO3 preserved	A	<2	2.3	Y	Absent	FE-6020T(180),MN-6020T(180)
L1516772-02A	Vial H2SO4 preserved	A	N/A	2.3	Y	Absent	TOC-9060(28)
L1516772-02B	Vial H2SO4 preserved	A	N/A	2.3	Y	Absent	TOC-9060(28)
L1516772-02C	20ml Vial HCl preserved	A	N/A	2.3	Y	Absent	DISSGAS(14)
L1516772-02D	20ml Vial HCl preserved	A	N/A	2.3	Y	Absent	DISSGAS(14)
L1516772-02E	Plastic 120ml unpreserved w/No H	A	N/A	2.3	Y	Absent	ALK-T-2320(14)
L1516772-02F	Plastic 250ml unpreserved	A	7	2.3	Y	Absent	SO4-300(28),NO3-353(2)
L1516772-02G	Plastic 250ml HNO3 preserved	A	<2	2.3	Y	Absent	FE-6020T(180),MN-6020T(180)

Container Comments

L1516772-01G

L1516772-02G

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/21/15

ALPHA Job #: L1516772

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor, Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3629
Email: thomas.bohlen@gza.com

Project Information
Project Name: Coyne Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project #: 21.0051730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/21/15
Rush (only if pre approved) ☒ VOCs only # of Days: 1

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK-175	BOD	TKN / Organic Carbon	Total Fe & Mn 6010	Alkalinity 3440	Sulfide 376	Nitrate 353.2	Sample Specific Comments
	MW-4-72015	7/20/15	1401	Aqueous	PCF	X								
L1722 -01	MW-5A-72015	7/20/15	1555	↓	PCF	X	X	X	X	X	X	X		
	Trip Blank-006-72015			↓		X								
-02	Field Duplicate-002-72015	7/20/15		Aqueous	PCF	X	X	X	X	X	X	X		
Container Type						V	V	V	P	P	P	P		
Preservative						B	B	D	C	O	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	7/20/15 20:15	[illegible]	7/20/15 20:15
[illegible]	7/20/15 22:45	[illegible]	7/20/15 22:45
[illegible]	7/21/15 0120	[illegible]	7/21/15 0120
[illegible]	7/21/15 940	T. Hubbell	7/21/15 940
T. Hubbell	7/21/15 1025	[illegible]	7/21/15 10:25

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/21/15

ALPHA Job #: L1516772

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor
Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3629
Email: thomas.bohlen@gza.com

Project Information
Project Name: Cayuga Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project # 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/21/15
Rush (only if pre approved) ☒ VOCs over # of Days: 1

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

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

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK-175	Total Organic Carbon 9060	Total Fe & Mn - 6010	Alkalinity 310.1	Sulfate - 300	Nitrate - 353.2		Sample Specific Comments	Total Bottles
	MW-4-72015	7/20/15	1401	Aqueous	PCF	X									
01	MW-5A-72015	7/20/15	1555	↓	PCF	X	X	X	X	X	X	X			
	Trip Blank-006-72015			↓		X									
02	Field Duplicate-002-72015	7/20/15		Aqueous	PCF	X	X	X	X	X	X	X			
	Container Type					V	V	V	P	P	P	P			
	Preservative					B	B	D	C	O	A	A			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	7/20/15 20:15	[illegible]	7/20/15 20:15
[illegible]	7/20/15 2245	[illegible]	7/20/15 2245
[illegible]	7/21/15 0120	[illegible]	7/21/15 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1516896
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES-MW INST
Project Number:	21.0056730.40
Report Date:	07/22/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516896
Report Date: 07/22/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516896-01	MW-5B-72115	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/21/15 11:10	07/21/15
L1516896-02	MW-5C-72115	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/21/15 13:00	07/21/15
L1516896-03	MW-6A-72115	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/21/15 15:35	07/21/15
L1516896-04	TRIP BLANK-007-72115	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/21/15 00:00	07/21/15

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516896
Project Number:	21.0056730.40	**Report Date:**	07/22/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516896
Project Number:	21.0056730.40	**Report Date:**	07/22/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative

Date: 07/22/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

SAMPLE RESULTS

Lab ID: L1516896-01
Client ID: MW-5B-72115
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/15 12:06
Analyst: PD

Date Collected: 07/21/15 11:10
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	5.7		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.1		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	2.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

SAMPLE RESULTS

Lab ID: L1516896-01 Date Collected: 07/21/15 11:10

Client ID: MW-5B-72115 Date Received: 07/21/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	6.1		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.8	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	105		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

SAMPLE RESULTS

Lab ID: L1516896-02
Client ID: MW-5C-72115
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/15 11:46
Analyst: PD

Date Collected: 07/21/15 13:00
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	2.7		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.50	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	1.6		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

SAMPLE RESULTS

Lab ID: L1516896-02 Date Collected: 07/21/15 13:00

Client ID: MW-5C-72115 Date Received: 07/21/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	4.2		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	95		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

SAMPLE RESULTS

Lab ID: L1516896-03 D
Client ID: MW-6A-72115
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/15 12:34
Analyst: PD

Date Collected: 07/21/15 15:35
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	250	70.	100
1,1-Dichloroethane	ND		ug/l	250	70.	100
Chloroform	ND		ug/l	250	70.	100
Carbon tetrachloride	ND		ug/l	50	13.	100
1,2-Dichloropropane	ND		ug/l	100	13.	100
Dibromochloromethane	ND		ug/l	50	15.	100
1,1,2-Trichloroethane	ND		ug/l	150	50.	100
Tetrachloroethene	34	J	ug/l	50	18.	100
Chlorobenzene	ND		ug/l	250	70.	100
Trichlorofluoromethane	ND		ug/l	250	70.	100
1,2-Dichloroethane	ND		ug/l	50	13.	100
1,1,1-Trichloroethane	ND		ug/l	250	70.	100
Bromodichloromethane	ND		ug/l	50	19.	100
trans-1,3-Dichloropropene	ND		ug/l	50	16.	100
cis-1,3-Dichloropropene	ND		ug/l	50	14.	100
Bromoform	ND		ug/l	200	65.	100
1,1,2,2-Tetrachloroethane	ND		ug/l	50	14.	100
Benzene	ND		ug/l	50	16.	100
Toluene	ND		ug/l	250	70.	100
Ethylbenzene	ND		ug/l	250	70.	100
Chloromethane	ND		ug/l	250	70.	100
Bromomethane	ND		ug/l	250	70.	100
Vinyl chloride	2000		ug/l	100	7.0	100
Chloroethane	ND		ug/l	250	70.	100
1,1-Dichloroethene	ND		ug/l	50	14.	100
trans-1,2-Dichloroethene	230	J	ug/l	250	70.	100
Trichloroethene	260		ug/l	50	18.	100
1,2-Dichlorobenzene	ND		ug/l	250	70.	100
1,3-Dichlorobenzene	ND		ug/l	250	70.	100
1,4-Dichlorobenzene	ND		ug/l	250	70.	100

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

SAMPLE RESULTS

Lab ID: L1516896-03 D Date Collected: 07/21/15 15:35

Client ID: MW-6A-72115 Date Received: 07/21/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	250	70.	100
p/m-Xylene	ND		ug/l	250	70.	100
o-Xylene	ND		ug/l	250	70.	100
cis-1,2-Dichloroethene	5300		ug/l	250	70.	100
Styrene	ND		ug/l	250	70.	100
Dichlorodifluoromethane	ND		ug/l	500	100	100
Acetone	ND		ug/l	500	150	100
Carbon disulfide	ND		ug/l	500	100	100
2-Butanone	ND		ug/l	500	190	100
4-Methyl-2-pentanone	ND		ug/l	500	100	100
2-Hexanone	ND		ug/l	500	100	100
Bromochloromethane	ND		ug/l	250	70.	100
1,2-Dibromoethane	ND		ug/l	200	65.	100
n-Butylbenzene	ND		ug/l	250	70.	100
sec-Butylbenzene	ND		ug/l	250	70.	100
tert-Butylbenzene	ND		ug/l	250	70.	100
1,2-Dibromo-3-chloropropane	ND		ug/l	250	70.	100
Isopropylbenzene	ND		ug/l	250	70.	100
p-Isopropyltoluene	ND		ug/l	250	70.	100
Naphthalene	ND		ug/l	250	70.	100
n-Propylbenzene	ND		ug/l	250	70.	100
1,2,3-Trichlorobenzene	ND		ug/l	250	70.	100
1,2,4-Trichlorobenzene	ND		ug/l	250	70.	100
1,3,5-Trimethylbenzene	ND		ug/l	250	70.	100
1,2,4-Trimethylbenzene	ND		ug/l	250	70.	100
Methyl Acetate	ND		ug/l	200	23.	100
Cyclohexane	ND		ug/l	1000	27.	100
1,4-Dioxane	ND		ug/l	25000	4100	100
Freon-113	ND		ug/l	250	70.	100
Methyl cyclohexane	ND		ug/l	1000	40.	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	106		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

SAMPLE RESULTS

Lab ID: L1516896-04
Client ID: TRIP BLANK-007-72115
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/22/15 11:38
Analyst: PD

Date Collected: 07/21/15 00:00
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

SAMPLE RESULTS

Lab ID: L1516896-04 Date Collected: 07/21/15 00:00

Client ID: TRIP BLANK-007-72115 Date Received: 07/21/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	79		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	104		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/15 11:10
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG805012-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/15 11:10
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG805012-3					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylene (Total)	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene (total)	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/15 11:10
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG805012-3					
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/15 11:10
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-04 Batch: WG805012-3					
Iodomethane	ND		ug/l	5.0	5.0
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	80		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	104		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/15 11:10
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG805032-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/15 11:10
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG805032-3					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylene (Total)	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene (total)	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/22/15 11:10
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG805032-3					
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70
Iodomethane	ND		ug/l	5.0	5.0

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516896

Project Number: 21.0056730.40 **Report Date:** 07/22/15

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Analytical Method: 1,8260C
Analytical Date: 07/22/15 11:10
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG805032-3					
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	88		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	89		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

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Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG805012-1 WG805012-2								
Methylene chloride	117		106		70-130	10		20
1,1-Dichloroethane	100		90		70-130	11		20
Chloroform	102		93		70-130	9		20
2-Chloroethylvinyl ether	100		91		70-130	9		20
Carbon tetrachloride	108		102		63-132	6		20
1,2-Dichloropropane	99		90		70-130	10		20
Dibromochloromethane	112		104		63-130	7		20
1,1,2-Trichloroethane	101		93		70-130	8		20
Tetrachloroethene	112		103		70-130	8		20
Chlorobenzene	104		95		75-130	9		20
Trichlorofluoromethane	72		68		62-150	6		20
1,2-Dichloroethane	86		78		70-130	10		20
1,1,1-Trichloroethane	100		94		67-130	6		20
Bromodichloromethane	100		90		67-130	11		20
trans-1,3-Dichloropropene	94		88		70-130	7		20
cis-1,3-Dichloropropene	106		96		70-130	10		20
1,1-Dichloropropene	96		89		70-130	8		20
Bromoform	105		96		54-136	9		20
1,1,2,2-Tetrachloroethane	93		85		67-130	9		20
Benzene	105		95		70-130	10		20
Toluene	102		91		70-130	11		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516896

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG805012-1 WG805012-2								
Ethylbenzene	94		86		70-130	9		20
Chloromethane	76		69		64-130	10		20
Bromomethane	40		**38**	Q	39-139	5		20
Vinyl chloride	73		67		55-140	9		20
Chloroethane	**50**	Q	**48**	Q	55-138	4		20
1,1-Dichloroethene	112		104		61-145	7		20
trans-1,2-Dichloroethene	113		105		70-130	7		20
Trichloroethene	107		98		70-130	9		20
1,2-Dichlorobenzene	97		88		70-130	10		20
1,3-Dichlorobenzene	97		87		70-130	11		20
1,4-Dichlorobenzene	96		87		70-130	10		20
Methyl tert butyl ether	115		105		63-130	9		20
p/m-Xylene	101		93		70-130	8		20
o-Xylene	101		91		70-130	10		20
cis-1,2-Dichloroethene	114		104		70-130	9		20
Dibromomethane	107		99		70-130	8		20
1,2,3-Trichloropropane	84		78		64-130	7		20
Acrylonitrile	105		97		70-130	8		20
Diisopropyl Ether	87		78		70-130	11		20
Tert-Butyl Alcohol	118		114		70-130	3		20
Styrene	96		89		70-130	8		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

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Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG805012-1 WG805012-2								
Dichlorodifluoromethane	90		84		36-147	7		20
Acetone	98		84		58-148	15		20
Carbon disulfide	115		101		51-130	13		20
2-Butanone	87		81		63-138	7		20
Vinyl acetate	70		**63**	Q	70-130	11		20
4-Methyl-2-pentanone	98		90		59-130	9		20
2-Hexanone	74		68		57-130	8		20
Acrolein	110		96		40-160	14		20
Bromochloromethane	130		119		70-130	9		20
2,2-Dichloropropane	109		99		63-133	10		20
1,2-Dibromoethane	107		101		70-130	6		20
1,3-Dichloropropane	94		88		70-130	7		20
1,1,1,2-Tetrachloroethane	107		99		64-130	8		20
Bromobenzene	107		96		70-130	11		20
n-Butylbenzene	84		73		53-136	14		20
sec-Butylbenzene	90		80		70-130	12		20
tert-Butylbenzene	95		84		70-130	12		20
o-Chlorotoluene	91		78		70-130	15		20
p-Chlorotoluene	89		79		70-130	12		20
1,2-Dibromo-3-chloropropane	74		71		41-144	4		20
Hexachlorobutadiene	101		96		63-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516896
Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG805012-1 WG805012-2								
Isopropylbenzene	96		84		70-130	13		20
p-Isopropyltoluene	97		84		70-130	14		20
Naphthalene	92		100		70-130	8		20
n-Propylbenzene	89		78		69-130	13		20
1,2,3-Trichlorobenzene	88		97		70-130	10		20
1,2,4-Trichlorobenzene	91		91		70-130	0		20
1,3,5-Trimethylbenzene	94		82		64-130	14		20
1,2,4-Trimethylbenzene	93		82		70-130	13		20
Methyl Acetate	93		83		70-130	11		20
Ethyl Acetate	88		76		70-130	15		20
Cyclohexane	94		87		70-130	8		20
Ethyl-Tert-Butyl-Ether	99		89		70-130	11		20
Tertiary-Amyl Methyl Ether	110		100		66-130	10		20
1,4-Dioxane	152		122		56-162	**22**	Q	20
Freon-113	110		103		70-130	7		20
p-Diethylbenzene	95		83		70-130	13		20
p-Ethyltoluene	96		84		70-130	13		20
1,2,4,5-Tetramethylbenzene	93		82		70-130	13		20
Ethyl ether	74		62		59-134	18		20
trans-1,4-Dichloro-2-butene	72		**67**	Q	70-130	7		20
Iodomethane	**150**	Q	**161**	Q	70-130	7		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516896

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-04 Batch: WG805012-1 WG805012-2								
Methyl cyclohexane	109		101		70-130	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	78		78		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	104		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

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Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG805032-1 WG805032-2								
Methylene chloride	87		84		70-130	4		20
1,1-Dichloroethane	83		84		70-130	1		20
Chloroform	82		81		70-130	1		20
2-Chloroethylvinyl ether	85		84		70-130	1		20
Carbon tetrachloride	88		89		63-132	1		20
1,2-Dichloropropane	89		88		70-130	1		20
Dibromochloromethane	99		98		63-130	1		20
1,1,2-Trichloroethane	101		103		70-130	2		20
Tetrachloroethene	108		108		70-130	0		20
Chlorobenzene	99		97		75-130	2		20
Trichlorofluoromethane	78		80		62-150	3		20
1,2-Dichloroethane	79		78		70-130	1		20
1,1,1-Trichloroethane	82		83		67-130	1		20
Bromodichloromethane	80		79		67-130	1		20
trans-1,3-Dichloropropene	98		98		70-130	0		20
cis-1,3-Dichloropropene	88		87		70-130	1		20
1,1-Dichloropropene	81		80		70-130	1		20
Bromoform	105		103		54-136	2		20
1,1,2,2-Tetrachloroethane	98		98		67-130	0		20
Benzene	94		93		70-130	1		20
Toluene	98		97		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516896

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG805032-1 WG805032-2								
Ethylbenzene	95		93		70-130	2		20
Chloromethane	66		**60**	Q	64-130	10		20
Bromomethane	62		64		39-139	3		20
Vinyl chloride	70		70		55-140	0		20
Chloroethane	93		90		55-138	3		20
1,1-Dichloroethene	88		88		61-145	0		20
trans-1,2-Dichloroethene	91		92		70-130	1		20
Trichloroethene	85		84		70-130	1		20
1,2-Dichlorobenzene	98		97		70-130	1		20
1,3-Dichlorobenzene	97		96		70-130	1		20
1,4-Dichlorobenzene	98		95		70-130	3		20
Methyl tert butyl ether	89		93		63-130	4		20
p/m-Xylene	100		97		70-130	3		20
o-Xylene	98		96		70-130	2		20
cis-1,2-Dichloroethene	89		89		70-130	0		20
Dibromomethane	90		90		70-130	0		20
1,2,3-Trichloropropane	97		96		64-130	1		20
Acrylonitrile	90		88		70-130	2		20
Diisopropyl Ether	76		76		70-130	0		20
Tert-Butyl Alcohol	90		101		70-130	12		20
Styrene	103		100		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516896

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG805032-1 WG805032-2								
Dichlorodifluoromethane	116		111		36-147	4		20
Acetone	76		70		58-148	8		20
Carbon disulfide	80		77		51-130	4		20
2-Butanone	84		86		63-138	2		20
Vinyl acetate	**66**	Q	**66**	Q	70-130	0		20
4-Methyl-2-pentanone	84		83		59-130	1		20
2-Hexanone	70		70		57-130	0		20
Bromochloromethane	95		95		70-130	0		20
2,2-Dichloropropane	96		96		63-133	0		20
1,2-Dibromoethane	100		99		70-130	1		20
1,3-Dichloropropane	98		99		70-130	1		20
1,1,1,2-Tetrachloroethane	102		101		64-130	1		20
Bromobenzene	100		98		70-130	2		20
n-Butylbenzene	84		84		53-136	0		20
sec-Butylbenzene	91		90		70-130	1		20
tert-Butylbenzene	90		89		70-130	1		20
o-Chlorotoluene	91		88		70-130	3		20
p-Chlorotoluene	92		90		70-130	2		20
1,2-Dibromo-3-chloropropane	79		78		41-144	1		20
Hexachlorobutadiene	87		88		63-130	1		20
Isopropylbenzene	93		91		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516896

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG805032-1 WG805032-2								
p-Isopropyltoluene	93		91		70-130	2		20
Naphthalene	81		84		70-130	4		20
n-Propylbenzene	94		92		69-130	2		20
1,2,3-Trichlorobenzene	81		85		70-130	5		20
1,2,4-Trichlorobenzene	85		88		70-130	3		20
1,3,5-Trimethylbenzene	95		91		64-130	4		20
1,2,4-Trimethylbenzene	94		91		70-130	3		20
Methyl Acetate	86		86		70-130	0		20
Ethyl Acetate	79		79		70-130	0		20
Cyclohexane	86		86		70-130	0		20
Ethyl-Tert-Butyl-Ether	85		85		70-130	0		20
Tertiary-Amyl Methyl Ether	86		85		66-130	1		20
1,4-Dioxane	93		98		56-162	5		20
Freon-113	91		94		70-130	3		20
p-Diethylbenzene	92		90		70-130	2		20
p-Ethyltoluene	96		95		70-130	1		20
1,2,4,5-Tetramethylbenzene	91		88		70-130	3		20
Ethyl ether	104		107		59-134	3		20
trans-1,4-Dichloro-2-butene	92		89		70-130	3		20
Iodomethane	**50**	Q	**58**	Q	70-130	15		20
Methyl cyclohexane	88		88		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516896

Report Date: 07/22/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG805032-1 WG805032-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	84		85		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	90		89		70-130
Dibromofluoromethane	90		93		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516896
Report Date: 07/22/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 QC Batch ID: WG805032-4 WG805032-5 QC Sample: L1516896-02 Client ID: MW-5C-72115												
Methylene chloride	ND	10	9.5	95		9.9	99		70-130	4		20
1,1-Dichloroethane	ND	10	9.9	99		10	100		70-130	1		20
Chloroform	ND	10	9.8	98		10	101		70-130	2		20
Carbon tetrachloride	ND	10	10	105		10	106		63-132	0		20
1,2-Dichloropropane	ND	10	9.9	99		10	102		70-130	1		20
Dibromochloromethane	ND	10	11	111		11	111		63-130	0		20
1,1,2-Trichloroethane	ND	10	11	115		12	117		70-130	9		20
Tetrachloroethene	2.7	10	16	130		15	127		70-130	6		20
Chlorobenzene	ND	10	11	110		11	111		75-130	0		20
Trichlorofluoromethane	ND	10	9.5	96		9.8	98		62-150	3		20
1,2-Dichloroethane	ND	10	8.7	87		9.1	91		70-130	4		20
1,1,1-Trichloroethane	ND	10	9.7	97		9.9	99		67-130	2		20
Bromodichloromethane	ND	10	9.1	91		9.3	93		67-130	2		20
trans-1,3-Dichloropropene	ND	10	11	109		11	110		70-130	0		20
cis-1,3-Dichloropropene	ND	10	9.6	96		9.8	99		70-130	2		20
1,1-Dichloropropene	ND	10	9.6	96		9.6	96		70-130	0		20
Bromoform	ND	10	11	110		11	113		54-136	0		20
1,1,2,2-Tetrachloroethane	ND	10	10	105		11	109		67-130	10		20
Benzene	ND	10	11	107		11	107		70-130	0		20
Toluene	ND	10	11	114		11	112		70-130	0		20
Ethylbenzene	ND	10	11	108		11	107		70-130	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516896
Report Date: 07/22/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 QC Batch ID: WG805032-4 WG805032-5 QC Sample: L1516896-02 Client ID: MW-5C-72115												
Chloromethane	ND	10	7.1	71		7.3	73		64-130	3		20
Bromomethane	ND	10	7.0	70		7.6	76		39-139	8		20
Vinyl chloride	0.50J	10	8.9	89		9.0	90		55-140	1		20
Chloroethane	ND	10	11	107		11	107		55-138	0		20
1,1-Dichloroethene	ND	10	10	106		11	108		61-145	10		20
trans-1,2-Dichloroethene	ND	10	11	108		11	110		70-130	0		20
Trichloroethene	1.6	10	11	97		12	99		70-130	9		20
1,2-Dichlorobenzene	ND	10	11	107		11	108		70-130	0		20
1,3-Dichlorobenzene	ND	10	11	107		11	109		70-130	0		20
1,4-Dichlorobenzene	ND	10	10	106		11	107		70-130	10		20
Methyl tert butyl ether	ND	10	9.9	99		11	106		63-130	11		20
p/m-Xylene	ND	20	22	113		22	111		70-130	0		20
o-Xylene	ND	20	22	110		22	109		70-130	0		20
cis-1,2-Dichloroethene	4.2	10	14	103		15	107		70-130	7		20
Dibromomethane	ND	10	9.8	98		10	103		70-130	2		20
1,2,3-Trichloropropane	ND	10	10	103		10	105		64-130	0		20
Acrylonitrile	ND	10	9.4	94		10	101		70-130	6		20
Diisopropyl Ether	ND	10	8.3	83		8.7	87		70-130	5		20
Tert-Butyl Alcohol	ND	50	47	95		57	114		70-130	19		20
Styrene	ND	20	23	114		23	114		70-130	0		20
Dichlorodifluoromethane	ND	10	14	137		14	136		36-147	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516896
Report Date: 07/22/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 QC Batch ID: WG805032-4 WG805032-5 QC Sample: L1516896-02 Client ID: MW-5C-72115												
Acetone	ND	10	7.8	78		7.8	78		58-148	0		20
Carbon disulfide	ND	10	9.1	91		9.2	92		51-130	1		20
2-Butanone	ND	10	8.3	83		8.9	89		63-138	7		20
Vinyl acetate	ND	10	7.3	73		7.9	79		70-130	8		20
4-Methyl-2-pentanone	ND	10	8.2	82		8.4	84		59-130	2		20
2-Hexanone	ND	10	7.6	76		8.0	80		57-130	5		20
Bromochloromethane	ND	10	11	107		11	110		70-130	0		20
2,2-Dichloropropane	ND	10	11	113		11	114		63-133	0		20
1,2-Dibromoethane	ND	10	11	110		11	112		70-130	0		20
1,3-Dichloropropane	ND	10	11	110		11	112		70-130	0		20
1,1,1,2-Tetrachloroethane	ND	10	11	113		12	115		64-130	9		20
Bromobenzene	ND	10	11	111		11	112		70-130	0		20
n-Butylbenzene	ND	10	9.5	95		9.6	96		53-136	1		20
sec-Butylbenzene	ND	10	10	102		10	103		70-130	0		20
tert-Butylbenzene	ND	10	10	101		10	102		70-130	0		20
o-Chlorotoluene	ND	10	9.8	98		9.9	99		70-130	1		20
p-Chlorotoluene	ND	10	10	101		10	101		70-130	0		20
1,2-Dibromo-3-chloropropane	ND	10	8.0	80		8.9	89		41-144	11		20
Hexachlorobutadiene	ND	10	9.5	95		10	100		63-130	5		20
Isopropylbenzene	ND	10	10	105		10	105		70-130	0		20
p-Isopropyltoluene	ND	10	10	105		10	105		70-130	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516896
Report Date: 07/22/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 QC Batch ID: WG805032-4 WG805032-5 QC Sample: L1516896-02 Client ID: MW-5C-72115												
Naphthalene	ND	10	8.9	89		9.8	98		70-130	10		20
n-Propylbenzene	ND	10	10	106		10	105		69-130	0		20
1,2,3-Trichlorobenzene	ND	10	9.1	91		9.7	97		70-130	6		20
1,2,4-Trichlorobenzene	ND	10	9.3	93		9.9	99		70-130	6		20
1,3,5-Trimethylbenzene	ND	10	10	105		10	105		64-130	0		20
1,2,4-Trimethylbenzene	ND	10	10	103		10	104		70-130	0		20
Methyl Acetate	ND	10	9.0	90		9.8	98		70-130	9		20
Ethyl Acetate	ND	10	8.8J	88		9.1J	91		70-130	3		20
Cyclohexane	ND	10	10	103		10	103		70-130	0		20
Ethyl-Tert-Butyl-Ether	ND	10	9.3	93		9.7	97		70-130	4		20
Tertiary-Amyl Methyl Ether	ND	10	9.3	93		9.8	98		66-130	5		20
1,4-Dioxane	ND	500	420	84		530	105		56-162	**23**	Q	20
Freon-113	ND	10	11	113		11	112		70-130	0		20
p-Diethylbenzene	ND	10	10	102		10	104		70-130	0		20
p-Ethyltoluene	ND	10	11	108		11	108		70-130	0		20
1,2,4,5-Tetramethylbenzene	ND	10	9.8	98		10	101		70-130	2		20
Ethyl ether	ND	10	12	116		12	121		59-134	0		20
trans-1,4-Dichloro-2-butene	ND	10	9.3	93		9.8	98		70-130	5		20
Methyl cyclohexane	ND	10	10	104		10	104		70-130	0		20

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516896
Report Date: 07/22/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 QC Batch ID: WG805032-4 WG805032-5 QC Sample: L1516896-02 Client ID: MW-5C-72115												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		88		70-130
4-Bromofluorobenzene	88		88		70-130
Dibromofluoromethane	93		95		70-130
Toluene-d8	103		102		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516896
Report Date: 07/22/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516896-01A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-01B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-01C	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-02A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-02A1	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-02A2	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-02B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-02B1	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-02B2	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-02C	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-02C1	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-02C2	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-03A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-03B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-03C	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-04A	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)
L1516896-04B	Vial HCl preserved	A	N/A	3.4	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516896
Project Number:	21.0056730.40	**Report Date:**	07/22/15

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516896
Project Number:	21.0056730.40	**Report Date:**	07/22/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516896
Project Number:	21.0056730.40	**Report Date:**	07/22/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516816

Client Information

Client: GZA GeoEnvironmental
Address: 535 Washington St. 11th Floor
Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3029
Email: thomas.bohlen@gza.com

Project Information

Project Name: Cayne Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 7/22/15
Rush (only if pre approved) ☒ VOCs ONLY # of Days: 1

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK-175	Total Organic Carbon 9060	Total Fe & Mn - 6010	Alkalinity - 310.1	Sulfate - 300	Nitrate - 353.2	Sample Specific Comments
16816-01	MW-5B-72115	7/21/15	7/21/15 1110	Aqueous	PCF	X	X	X	X	X	X	X	
02	MW-5C-72115	↓	1300	↓	PCF	X	X	X	X	X	X	X	MS/MSD (triple of each)
03	MW-6A-72115	↓	1535	↓	PCF	X	X	X	X	X	X	X	
04	TripBlank-007-72115			↓		X							

Sample Filtration: ☐ Done ☐ Lab to do
Preservation: ☐ Lab to do
(Please Specify below)

Total Bottle

Container Type	V	V	V	P	P	P	P	
Preservative	B	B	D	C	O	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	07/21/15/1705	AAL	7/21/15 1720
	7/22/15 0315		7/22/15 0315
	7/22/15 0140	AAL	7/22/15 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1517051
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES-MW INST
Project Number:	21.0056730.40
Report Date:	07/23/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517051
Report Date: 07/23/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517051-01	MW-7A-72215	WATER	140 CORTLAND AVE. SYRACUSE, NY 13202	07/22/15 12:25	07/22/15
L1517051-02	MW-7B-72215	WATER	140 CORTLAND AVE. SYRACUSE, NY 13202	07/22/15 14:55	07/22/15
L1517051-03	MW-7C-72215	WATER	140 CORTLAND AVE. SYRACUSE, NY 13202	07/22/15 16:45	07/22/15
L1517051-04	TRIP BLANK-008-72215	WATER	140 CORTLAND AVE. SYRACUSE, NY 13202	07/22/15 00:00	07/22/15

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517051
Project Number:	21.0056730.40	**Report Date:**	07/23/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517051
Project Number:	21.0056730.40	**Report Date:**	07/23/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative

Date: 07/23/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

SAMPLE RESULTS

Lab ID: L1517051-01 D
Client ID: MW-7A-72215
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/15 11:00
Analyst: PD

Date Collected: 07/22/15 12:25
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	10	2.8	4
1,1-Dichloroethane	ND		ug/l	10	2.8	4
Chloroform	ND		ug/l	10	2.8	4
Carbon tetrachloride	ND		ug/l	2.0	0.54	4
1,2-Dichloropropane	ND		ug/l	4.0	0.53	4
Dibromochloromethane	ND		ug/l	2.0	0.60	4
1,1,2-Trichloroethane	ND		ug/l	6.0	2.0	4
Tetrachloroethene	ND		ug/l	2.0	0.72	4
Chlorobenzene	ND		ug/l	10	2.8	4
Trichlorofluoromethane	ND		ug/l	10	2.8	4
1,2-Dichloroethane	ND		ug/l	2.0	0.53	4
1,1,1-Trichloroethane	ND		ug/l	10	2.8	4
Bromodichloromethane	ND		ug/l	2.0	0.77	4
trans-1,3-Dichloropropene	ND		ug/l	2.0	0.66	4
cis-1,3-Dichloropropene	ND		ug/l	2.0	0.58	4
Bromoform	ND		ug/l	8.0	2.6	4
1,1,2,2-Tetrachloroethane	ND		ug/l	2.0	0.58	4
Benzene	0.74	J	ug/l	2.0	0.64	4
Toluene	ND		ug/l	10	2.8	4
Ethylbenzene	ND		ug/l	10	2.8	4
Chloromethane	ND		ug/l	10	2.8	4
Bromomethane	ND		ug/l	10	2.8	4
Vinyl chloride	500		ug/l	4.0	0.28	4
Chloroethane	ND		ug/l	10	2.8	4
1,1-Dichloroethene	ND		ug/l	2.0	0.57	4
trans-1,2-Dichloroethene	ND		ug/l	10	2.8	4
Trichloroethene	ND		ug/l	2.0	0.70	4
1,2-Dichlorobenzene	ND		ug/l	10	2.8	4
1,3-Dichlorobenzene	ND		ug/l	10	2.8	4
1,4-Dichlorobenzene	ND		ug/l	10	2.8	4

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

SAMPLE RESULTS

Lab ID: L1517051-01 D Date Collected: 07/22/15 12:25

Client ID: MW-7A-72215 Date Received: 07/22/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	10	2.8	4
p/m-Xylene	ND		ug/l	10	2.8	4
o-Xylene	ND		ug/l	10	2.8	4
cis-1,2-Dichloroethene	460		ug/l	10	2.8	4
Styrene	ND		ug/l	10	2.8	4
Dichlorodifluoromethane	ND		ug/l	20	4.0	4
Acetone	14	J	ug/l	20	5.8	4
Carbon disulfide	ND		ug/l	20	4.0	4
2-Butanone	ND		ug/l	20	7.8	4
4-Methyl-2-pentanone	ND		ug/l	20	4.0	4
2-Hexanone	ND		ug/l	20	4.0	4
Bromochloromethane	ND		ug/l	10	2.8	4
1,2-Dibromoethane	ND		ug/l	8.0	2.6	4
n-Butylbenzene	ND		ug/l	10	2.8	4
sec-Butylbenzene	ND		ug/l	10	2.8	4
tert-Butylbenzene	ND		ug/l	10	2.8	4
1,2-Dibromo-3-chloropropane	ND		ug/l	10	2.8	4
Isopropylbenzene	ND		ug/l	10	2.8	4
p-Isopropyltoluene	ND		ug/l	10	2.8	4
Naphthalene	ND		ug/l	10	2.8	4
n-Propylbenzene	ND		ug/l	10	2.8	4
1,2,3-Trichlorobenzene	ND		ug/l	10	2.8	4
1,2,4-Trichlorobenzene	ND		ug/l	10	2.8	4
1,3,5-Trimethylbenzene	ND		ug/l	10	2.8	4
1,2,4-Trimethylbenzene	ND		ug/l	10	2.8	4
Methyl Acetate	ND		ug/l	8.0	0.94	4
Cyclohexane	ND		ug/l	40	1.1	4
1,4-Dioxane	ND		ug/l	1000	160	4
Freon-113	ND		ug/l	10	2.8	4
Methyl cyclohexane	ND		ug/l	40	1.6	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	108		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

SAMPLE RESULTS

Lab ID: L1517051-02
Client ID: MW-7B-72215
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/15 11:28
Analyst: PD

Date Collected: 07/22/15 14:55
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	2.5		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	0.20	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	210	E	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	1.1	J	ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

SAMPLE RESULTS

Lab ID: L1517051-02 Date Collected: 07/22/15 14:55

Client ID: MW-7B-72215 Date Received: 07/22/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	180		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	16		ug/l	5.0	1.5	1
Carbon disulfide	6.4		ug/l	5.0	1.0	1
2-Butanone	1.9	J	ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	109		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

SAMPLE RESULTS

Lab ID:	L1517051-02 D	Date Collected:	07/22/15 14:55
Client ID:	MW-7B-72215	Date Received:	07/22/15
Sample Location:	140 CORTLAND AVE. SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	1,8260C		
Analytical Date:	07/23/15 12:52		
Analyst:	PD		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	240		ug/l	5.0	0.35	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	108		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

SAMPLE RESULTS

Lab ID: L1517051-03
Client ID: MW-7C-72215
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/15 11:56
Analyst: PD

Date Collected: 07/22/15 16:45
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.83	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.87	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

SAMPLE RESULTS

Lab ID: L1517051-03 Date Collected: 07/22/15 16:45

Client ID: MW-7C-72215 Date Received: 07/22/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	1.4	J	ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.3	J	ug/l	5.0	1.5	1
Carbon disulfide	1.0	J	ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	84		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	110		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

SAMPLE RESULTS

Lab ID: L1517051-04
Client ID: TRIP BLANK-008-72215
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/23/15 10:32
Analyst: PD

Date Collected: 07/22/15 00:00
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

SAMPLE RESULTS

Lab ID: L1517051-04 Date Collected: 07/22/15 00:00

Client ID: TRIP BLANK-008-72215 Date Received: 07/22/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	86		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	109		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/15 10:04
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG805383-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/15 10:04
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG805383-3					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylene (Total)	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene (total)	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/15 10:04
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG805383-3					
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517051

Project Number: 21.0056730.40 **Report Date:** 07/23/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/23/15 10:04
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG805383-3					
Iodomethane	ND		ug/l	5.0	5.0
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	85		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517051

Report Date: 07/23/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG805383-1 WG805383-2								
Methylene chloride	108		110		70-130	2		20
1,1-Dichloroethane	98		96		70-130	2		20
Chloroform	100		100		70-130	0		20
2-Chloroethylvinyl ether	86		90		70-130	5		20
Carbon tetrachloride	115		114		63-132	1		20
1,2-Dichloropropane	94		95		70-130	1		20
Dibromochloromethane	104		106		63-130	2		20
1,1,2-Trichloroethane	89		93		70-130	4		20
Tetrachloroethene	107		107		70-130	0		20
Chlorobenzene	98		98		75-130	0		20
Trichlorofluoromethane	71		71		62-150	0		20
1,2-Dichloroethane	85		87		70-130	2		20
1,1,1-Trichloroethane	103		104		67-130	1		20
Bromodichloromethane	97		98		67-130	1		20
trans-1,3-Dichloropropene	87		90		70-130	3		20
cis-1,3-Dichloropropene	99		102		70-130	3		20
1,1-Dichloropropene	95		95		70-130	0		20
Bromoform	93		96		54-136	3		20
1,1,2,2-Tetrachloroethane	80		84		67-130	5		20
Benzene	100		99		70-130	1		20
Toluene	92		92		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517051

Report Date: 07/23/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG805383-1 WG805383-2								
Ethylbenzene	89		88		70-130	1		20
Chloromethane	72		72		64-130	0		20
Bromomethane	43		45		39-139	5		20
Vinyl chloride	69		66		55-140	4		20
Chloroethane	**43**	Q	**41**	Q	55-138	5		20
1,1-Dichloroethene	103		98		61-145	5		20
trans-1,2-Dichloroethene	109		109		70-130	0		20
Trichloroethene	105		106		70-130	1		20
1,2-Dichlorobenzene	88		90		70-130	2		20
1,3-Dichlorobenzene	87		91		70-130	4		20
1,4-Dichlorobenzene	88		88		70-130	0		20
Methyl tert butyl ether	102		106		63-130	4		20
p/m-Xylene	95		93		70-130	2		20
o-Xylene	92		93		70-130	1		20
cis-1,2-Dichloroethene	108		107		70-130	1		20
Dibromomethane	102		104		70-130	2		20
1,2,3-Trichloropropane	74		77		64-130	4		20
Acrylonitrile	94		97		70-130	3		20
Diisopropyl Ether	83		84		70-130	1		20
Tert-Butyl Alcohol	101		108		70-130	7		20
Styrene	89		90		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517051

Report Date: 07/23/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG805383-1 WG805383-2								
Dichlorodifluoromethane	96		94		36-147	2		20
Acetone	80		83		58-148	4		20
Carbon disulfide	105		99		51-130	6		20
2-Butanone	77		84		63-138	9		20
Vinyl acetate	**64**	Q	**68**	Q	70-130	6		20
4-Methyl-2-pentanone	83		88		59-130	6		20
2-Hexanone	61		66		57-130	8		20
Acrolein	90		96		40-160	6		20
Bromochloromethane	119		123		70-130	3		20
2,2-Dichloropropane	110		108		63-133	2		20
1,2-Dibromoethane	97		101		70-130	4		20
1,3-Dichloropropane	88		89		70-130	1		20
1,1,1,2-Tetrachloroethane	101		103		64-130	2		20
Bromobenzene	97		98		70-130	1		20
n-Butylbenzene	77		75		53-136	3		20
sec-Butylbenzene	83		81		70-130	2		20
tert-Butylbenzene	90		86		70-130	5		20
o-Chlorotoluene	83		81		70-130	2		20
p-Chlorotoluene	82		81		70-130	1		20
1,2-Dibromo-3-chloropropane	72		73		41-144	1		20
Hexachlorobutadiene	101		97		63-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517051

Report Date: 07/23/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG805383-1 WG805383-2								
Isopropylbenzene	88		86		70-130	2		20
p-Isopropyltoluene	89		85		70-130	5		20
Naphthalene	88		95		70-130	8		20
n-Propylbenzene	82		79		69-130	4		20
1,2,3-Trichlorobenzene	91		95		70-130	4		20
1,2,4-Trichlorobenzene	88		91		70-130	3		20
1,3,5-Trimethylbenzene	86		84		64-130	2		20
1,2,4-Trimethylbenzene	85		84		70-130	1		20
Methyl Acetate	80		88		70-130	10		20
Ethyl Acetate	72		77		70-130	7		20
Cyclohexane	94		93		70-130	1		20
Ethyl-Tert-Butyl-Ether	91		94		70-130	3		20
Tertiary-Amyl Methyl Ether	99		101		66-130	2		20
1,4-Dioxane	104		99		56-162	5		20
Freon-113	108		102		70-130	6		20
p-Diethylbenzene	86		85		70-130	1		20
p-Ethyltoluene	87		85		70-130	2		20
1,2,4,5-Tetramethylbenzene	84		84		70-130	0		20
Ethyl ether	**50**	Q	**51**	Q	59-134	2		20
trans-1,4-Dichloro-2-butene	**65**	Q	**66**	Q	70-130	2		20
Iodomethane	**190**	Q	**197**	Q	70-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517051

Report Date: 07/23/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG805383-1 WG805383-2								
Methyl cyclohexane	107		103		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	83		83		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	96		95		70-130
Dibromofluoromethane	107		109		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517051
Report Date: 07/23/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517051-01A	Vial HCl preserved	A	N/A	5.2	Y	Absent	NYTCL-8260(14)
L1517051-01B	Vial HCl preserved	A	N/A	5.2	Y	Absent	NYTCL-8260(14)
L1517051-01C	Vial HCl preserved	A	N/A	5.2	Y	Absent	NYTCL-8260(14)
L1517051-02A	Vial HCl preserved	A	N/A	5.2	Y	Absent	NYTCL-8260(14)
L1517051-02B	Vial HCl preserved	A	N/A	5.2	Y	Absent	NYTCL-8260(14)
L1517051-02C	Vial HCl preserved	A	N/A	5.2	Y	Absent	NYTCL-8260(14)
L1517051-03A	Vial HCl preserved	A	N/A	5.2	Y	Absent	NYTCL-8260(14)
L1517051-03B	Vial HCl preserved	A	N/A	5.2	Y	Absent	NYTCL-8260(14)
L1517051-03C	Vial HCl preserved	A	N/A	5.2	Y	Absent	NYTCL-8260(14)
L1517051-04A	Vial HCl preserved	A	N/A	5.2	Y	Absent	NYTCL-8260(14)
L1517051-04B	Vial HCl preserved	A	N/A	5.2	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517051
Project Number:	21.0056730.40	**Report Date:**	07/23/15

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517051
Project Number:	21.0056730.40	**Report Date:**	07/23/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517051
Project Number:	21.0056730.40	**Report Date:**	07/23/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/23/15

ALPHA Job #: L1517051

Project Information
Project Name: Coyne Textile Services - MW Installation
Project Location: 144 Cortland Ave., Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor
Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3029
Email: thomas.bohlen@gza.com

Turn-Around Time
Standard ☐ Due Date: 7/23/15
Rush (only if pre approved) ☒ VOCs ONLY # of Days: 1

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK 175	Total Organic Carbon 9060	Total Fe & Mn - 6010	Alkalinity - 310.1	Sulfate - 300	Nitrate - 353.2		Sample Specific Comments	Total Bottle
L1517051-01	MW-7A-72215	7/22/15	1225	Aqueous	PCF	X	X	X	X	X	X	X			
02	MW-7B-72215	↓	1455	↓	PCF	X	X	X	X	X	X	X			
03	MW-7C-72215	↓	1645	↓	PCF	X	X	X	X	X	X	X			
04	Trip Blank-008-72215			↓		X									

Container Type	V	V	V	P	P	P	P	
Preservative	B	B	D	C	O	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Tatyana Finnoff	7/22/15 1900	[illegible]	7/22/15 1900
[illegible]	7/22/15 0000	[illegible]	7/23/15 0000
[illegible]	7/23/15 0000	[illegible]	7/23/15 0333

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1517227
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES-MW INST
Project Number:	21.0056730.40
Report Date:	07/24/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517227
Report Date: 07/24/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517227-01	MW-6B-72315	WATER	140 CORTLAND AVE, SYRACUSE, NY 13202	07/23/15 10:25	07/23/15
L1517227-02	MW-6C-72315	WATER	140 CORTLAND AVE, SYRACUSE, NY 13202	07/23/15 12:50	07/23/15
L1517227-03	EQUIPMENT BLANK-001	WATER	140 CORTLAND AVE, SYRACUSE, NY 13202	07/23/15 14:55	07/23/15
L1517227-04	TRIP BLANK-009-72315	WATER	140 CORTLAND AVE, SYRACUSE, NY 13202	07/23/15 00:00	07/23/15

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517227
Project Number:	21.0056730.40	**Report Date:**	07/24/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517227
Project Number:	21.0056730.40	**Report Date:**	07/24/15

Case Narrative (continued)

Report Submission

This report contains the results of the Volatile Organics analysis. The results of all other analyses will be issued under separate cover.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1517227-02: The sample has elevated detection limits due to the dilution required by the sample matrix (foam).

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative Date: 07/24/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

SAMPLE RESULTS

Lab ID: L1517227-01 D
Client ID: MW-6B-72315
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/24/15 11:28
Analyst: PD

Date Collected: 07/23/15 10:25
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	120	35.	50
1,1-Dichloroethane	ND		ug/l	120	35.	50
Chloroform	ND		ug/l	120	35.	50
Carbon tetrachloride	ND		ug/l	25	6.7	50
1,2-Dichloropropane	ND		ug/l	50	6.6	50
Dibromochloromethane	ND		ug/l	25	7.4	50
1,1,2-Trichloroethane	ND		ug/l	75	25.	50
Tetrachloroethene	27		ug/l	25	9.0	50
Chlorobenzene	ND		ug/l	120	35.	50
Trichlorofluoromethane	ND		ug/l	120	35.	50
1,2-Dichloroethane	ND		ug/l	25	6.6	50
1,1,1-Trichloroethane	ND		ug/l	120	35.	50
Bromodichloromethane	ND		ug/l	25	9.6	50
trans-1,3-Dichloropropene	ND		ug/l	25	8.2	50
cis-1,3-Dichloropropene	ND		ug/l	25	7.2	50
Bromoform	ND		ug/l	100	32.	50
1,1,2,2-Tetrachloroethane	ND		ug/l	25	7.2	50
Benzene	ND		ug/l	25	8.0	50
Toluene	ND		ug/l	120	35.	50
Ethylbenzene	ND		ug/l	120	35.	50
Chloromethane	ND		ug/l	120	35.	50
Bromomethane	ND		ug/l	120	35.	50
Vinyl chloride	3200		ug/l	50	3.5	50
Chloroethane	ND		ug/l	120	35.	50
1,1-Dichloroethene	15	J	ug/l	25	7.1	50
trans-1,2-Dichloroethene	150		ug/l	120	35.	50
Trichloroethene	290		ug/l	25	8.8	50
1,2-Dichlorobenzene	ND		ug/l	120	35.	50
1,3-Dichlorobenzene	ND		ug/l	120	35.	50
1,4-Dichlorobenzene	ND		ug/l	120	35.	50

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

SAMPLE RESULTS

Lab ID: L1517227-01 D Date Collected: 07/23/15 10:25

Client ID: MW-6B-72315 Date Received: 07/23/15

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	120	35.	50
p/m-Xylene	ND		ug/l	120	35.	50
o-Xylene	ND		ug/l	120	35.	50
cis-1,2-Dichloroethene	5600		ug/l	120	35.	50
Styrene	ND		ug/l	120	35.	50
Dichlorodifluoromethane	ND		ug/l	250	50.	50
Acetone	ND		ug/l	250	73.	50
Carbon disulfide	ND		ug/l	250	50.	50
2-Butanone	ND		ug/l	250	97.	50
4-Methyl-2-pentanone	ND		ug/l	250	50.	50
2-Hexanone	ND		ug/l	250	50.	50
Bromochloromethane	ND		ug/l	120	35.	50
1,2-Dibromoethane	ND		ug/l	100	32.	50
n-Butylbenzene	ND		ug/l	120	35.	50
sec-Butylbenzene	ND		ug/l	120	35.	50
tert-Butylbenzene	ND		ug/l	120	35.	50
1,2-Dibromo-3-chloropropane	ND		ug/l	120	35.	50
Isopropylbenzene	ND		ug/l	120	35.	50
p-Isopropyltoluene	ND		ug/l	120	35.	50
Naphthalene	ND		ug/l	120	35.	50
n-Propylbenzene	ND		ug/l	120	35.	50
1,2,3-Trichlorobenzene	ND		ug/l	120	35.	50
1,2,4-Trichlorobenzene	ND		ug/l	120	35.	50
1,3,5-Trimethylbenzene	ND		ug/l	120	35.	50
1,2,4-Trimethylbenzene	ND		ug/l	120	35.	50
Methyl Acetate	ND		ug/l	100	12.	50
Cyclohexane	ND		ug/l	500	14.	50
1,4-Dioxane	ND		ug/l	12000	2000	50
Freon-113	ND		ug/l	120	35.	50
Methyl cyclohexane	ND		ug/l	500	20.	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	112		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

SAMPLE RESULTS

Lab ID: L1517227-02 D
Client ID: MW-6C-72315
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/24/15 11:00
Analyst: PD

Date Collected: 07/23/15 12:50
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.3	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.4	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	ND		ug/l	25	7.0	10
Vinyl chloride	ND		ug/l	10	0.70	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.4	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

SAMPLE RESULTS

Lab ID: L1517227-02 D Date Collected: 07/23/15 12:50

Client ID: MW-6C-72315 Date Received: 07/23/15

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
n-Butylbenzene	ND		ug/l	25	7.0	10
sec-Butylbenzene	ND		ug/l	25	7.0	10
tert-Butylbenzene	ND		ug/l	25	7.0	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
p-Isopropyltoluene	ND		ug/l	25	7.0	10
Naphthalene	ND		ug/l	25	7.0	10
n-Propylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
1,3,5-Trimethylbenzene	ND		ug/l	25	7.0	10
1,2,4-Trimethylbenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	410	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	112		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	111		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

SAMPLE RESULTS

Lab ID: L1517227-03
Client ID: EQUIPMENT BLANK-001
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/24/15 10:33
Analyst: PD

Date Collected: 07/23/15 14:55
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

SAMPLE RESULTS

Lab ID: L1517227-03 Date Collected: 07/23/15 14:55

Client ID: EQUIPMENT BLANK-001 Date Received: 07/23/15

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.6		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	110		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

SAMPLE RESULTS

Lab ID: L1517227-04
Client ID: TRIP BLANK-009-72315
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/24/15 10:05
Analyst: PD

Date Collected: 07/23/15 00:00
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

SAMPLE RESULTS

Lab ID: L1517227-04 Date Collected: 07/23/15 00:00

Client ID: TRIP BLANK-009-72315 Date Received: 07/23/15

Sample Location: 140 CORTLAND AVE, SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	110		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/24/15 09:29
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG805741-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/24/15 09:29
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG805741-3					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylene (Total)	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene (total)	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/24/15 09:29
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG805741-3					
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517227

Project Number: 21.0056730.40 **Report Date:** 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/24/15 09:29
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG805741-3					
Iodomethane	ND		ug/l	5.0	5.0
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	111		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517227

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG805741-1 WG805741-2								
Methylene chloride	105		102		70-130	3		20
1,1-Dichloroethane	129		123		70-130	5		20
Chloroform	126		120		70-130	5		20
2-Chloroethylvinyl ether	**61**	Q	**68**	Q	70-130	11		20
Carbon tetrachloride	106		101		63-132	5		20
1,2-Dichloropropane	120		115		70-130	4		20
Dibromochloromethane	106		104		63-130	2		20
1,1,2-Trichloroethane	118		117		70-130	1		20
Tetrachloroethene	102		98		70-130	4		20
Chlorobenzene	107		101		75-130	6		20
Trichlorofluoromethane	**156**	Q	148		62-150	5		20
1,2-Dichloroethane	114		110		70-130	4		20
1,1,1-Trichloroethane	113		108		67-130	5		20
Bromodichloromethane	109		105		67-130	4		20
trans-1,3-Dichloropropene	108		106		70-130	2		20
cis-1,3-Dichloropropene	98		95		70-130	3		20
1,1-Dichloropropene	110		106		70-130	4		20
Bromoform	99		97		54-136	2		20
1,1,2,2-Tetrachloroethane	106		105		67-130	1		20
Benzene	118		112		70-130	5		20
Toluene	120		114		70-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517227

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG805741-1 WG805741-2								
Ethylbenzene	112		106		70-130	6		20
Chloromethane	78		72		64-130	8		20
Bromomethane	100		87		39-139	14		20
Vinyl chloride	109		103		55-140	6		20
Chloroethane	118		108		55-138	9		20
1,1-Dichloroethene	118		114		61-145	3		20
trans-1,2-Dichloroethene	115		111		70-130	4		20
Trichloroethene	113		108		70-130	5		20
1,2-Dichlorobenzene	95		93		70-130	2		20
1,3-Dichlorobenzene	100		99		70-130	1		20
1,4-Dichlorobenzene	102		100		70-130	2		20
Methyl tert butyl ether	102		102		63-130	0		20
p/m-Xylene	109		104		70-130	5		20
o-Xylene	103		97		70-130	6		20
cis-1,2-Dichloroethene	116		110		70-130	5		20
Dibromomethane	104		103		70-130	1		20
1,2,3-Trichloropropane	124		122		64-130	2		20
Acrylonitrile	126		122		70-130	3		20
Diisopropyl Ether	**131**	Q	129		70-130	2		20
Tert-Butyl Alcohol	92		88		70-130	4		20
Styrene	106		101		70-130	5		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517227

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG805741-1 WG805741-2								
Dichlorodifluoromethane	78		75		36-147	4		20
Acetone	120		129		58-148	7		20
Carbon disulfide	110		104		51-130	6		20
2-Butanone	**148**	Q	**147**	Q	63-138	1		20
Vinyl acetate	85		87		70-130	2		20
4-Methyl-2-pentanone	89		89		59-130	0		20
2-Hexanone	94		94		57-130	0		20
Acrolein	101		103		40-160	2		20
Bromochloromethane	112		108		70-130	4		20
2,2-Dichloropropane	102		95		63-133	7		20
1,2-Dibromoethane	99		98		70-130	1		20
1,3-Dichloropropane	115		113		70-130	2		20
1,1,1,2-Tetrachloroethane	114		108		64-130	5		20
Bromobenzene	91		88		70-130	3		20
n-Butylbenzene	116		121		53-136	4		20
sec-Butylbenzene	102		102		70-130	0		20
tert-Butylbenzene	92		91		70-130	1		20
o-Chlorotoluene	116		112		70-130	4		20
p-Chlorotoluene	105		102		70-130	3		20
1,2-Dibromo-3-chloropropane	104		104		41-144	0		20
Hexachlorobutadiene	99		103		63-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517227

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG805741-1 WG805741-2								
Isopropylbenzene	97		94		70-130	3		20
p-Isopropyltoluene	102		103		70-130	1		20
Naphthalene	82		84		70-130	2		20
n-Propylbenzene	106		103		69-130	3		20
1,2,3-Trichlorobenzene	97		99		70-130	2		20
1,2,4-Trichlorobenzene	107		106		70-130	1		20
1,3,5-Trimethylbenzene	111		110		64-130	1		20
1,2,4-Trimethylbenzene	103		102		70-130	1		20
Methyl Acetate	125		130		70-130	4		20
Ethyl Acetate	120		121		70-130	1		20
Cyclohexane	122		119		70-130	2		20
Ethyl-Tert-Butyl-Ether	106		106		70-130	0		20
Tertiary-Amyl Methyl Ether	90		89		66-130	1		20
1,4-Dioxane	116		105		56-162	10		20
Freon-113	123		118		70-130	4		20
p-Diethylbenzene	100		105		70-130	5		20
p-Ethyltoluene	105		101		70-130	4		20
1,2,4,5-Tetramethylbenzene	105		104		70-130	1		20
Ethyl ether	**139**	Q	**138**	Q	59-134	1		20
trans-1,4-Dichloro-2-butene	93		91		70-130	2		20
Iodomethane	**15**	Q	**28**	Q	70-130	**60**	Q	20

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517227

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG805741-1 WG805741-2								
Methyl cyclohexane	107		105		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		108		70-130
Toluene-d8	117		117		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	112		112		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517227
Report Date: 07/24/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517227-01A	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1517227-01B	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1517227-01C	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1517227-02A	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1517227-02B	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1517227-02C	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1517227-03A	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1517227-03B	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1517227-03C	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1517227-04A	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)
L1517227-04B	Vial HCl preserved	A	N/A	4.6	Y	Absent	NYTCL-8260(14)

Container Comments

L1517227-01B

L1517227-02B

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517227
Project Number:	21.0056730.40	**Report Date:**	07/24/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517227
Project Number:	21.0056730.40	**Report Date:**	07/24/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517227
Project Number:	21.0056730.40	**Report Date:**	07/24/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517227

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor
Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3029
Email: thomas.bohlen@gza.com

Project Information
Project Name: Coyne Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project # 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/24/15
Rush (only if pre approved) ☒ UOC ONLY # of Days: 1

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK 175	Total organic Carbon 9060	Total Fe & Mn-6010	Alkalinity - 310.1	Sulfate - 300	Nitrate - 353.2	Sample Specific Comments	Total Bottle
17227-01	MW-6B-72315	7/23/15	1025	Aqueous	PCF	X	X	X	X	X	X	X		
-02	MW-6C-72315	7/23/15	1250	↑	PCF	X	X	X	X	X	X	X		
-03	Equipment Blank-001	7/23/15	1455	↓	PCF	X	X	X	X	X	X	X		
-04	Trip Blank-009-72315	7/23/15		↓		X								
Container Type						V	V	V	P	P	P	P		
Preservative						B	B	D	C	O	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	7/23/15 1615	AAL	7/23/15 1615
AAL	7/23/15 1810		7/23/15 1840
	7/23/15 2000		7/23 2000
	07/23 2240		7/23/15 2240
	7/24/15 0120		7/24/15 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1515519
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERV.-MW INSTALL
Project Number:	21.0056730.40
Report Date:	07/08/15

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Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

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Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40

Lab Number: L1515519
Report Date: 07/08/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515519-01	MW-4-4-6-7715	SOIL	SYRACUSE, NY 13202	07/07/15 10:40	07/07/15
L1515519-02	MW-4-8-10-7715	SOIL	SYRACUSE, NY 13202	07/07/15 10:55	07/07/15
L1515519-03	MW-4-14-16-7715	SOIL	SYRACUSE, NY 13202	07/07/15 11:20	07/07/15
L1515519-04	MW-4-18-20-7715	SOIL	SYRACUSE, NY 13202	07/07/15 11:30	07/07/15
L1515519-05	MW-4-22-24-7715	SOIL	SYRACUSE, NY 13202	07/07/15 11:45	07/07/15
L1515519-06	TRIP BLANK-001-7715	WATER	SYRACUSE, NY 13202	07/07/15 00:00	07/07/15

Project Name:	COYNE TEXTILE SERV.-MW INSTALL	**Lab Number:**	L1515519
Project Number:	21.0056730.40	**Report Date:**	07/08/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERV.-MW INSTALL	**Lab Number:**	L1515519
Project Number:	21.0056730.40	**Report Date:**	07/08/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1515519-05: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (36%) and the surrogate recovery for 4-bromofluorobenzene (138%) were outside the acceptance criteria; however, re-analysis achieved a similar result for 1,4-dichlorobenzene-d4 (43%) and had acceptable surrogate recoveries. The results of both analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 07/08/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID:	L1515519-01	Date Collected:	07/07/15 10:40
Client ID:	MW-4-4-6-7715	Date Received:	07/07/15
Sample Location:	SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/08/15 11:55		
Analyst:	BN		
Percent Solids:	71%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.6	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.52	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.9	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.43	1
Tetrachloroethene	79		ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.49	1
Trichlorofluoromethane	ND		ug/kg	7.0	0.54	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.16	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
Bromoform	ND		ug/kg	5.6	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.0	0.41	1
Bromomethane	ND		ug/kg	2.8	0.47	1
Vinyl chloride	ND		ug/kg	2.8	0.16	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Trichloroethene	2.0		ug/kg	1.4	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.0	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	7.0	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	7.0	0.19	1

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-01 Date Collected: 07/07/15 10:40

Client ID: MW-4-4-6-7715 Date Received: 07/07/15

Sample Location: SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	ND		ug/kg	2.8	0.28	1
o-Xylene	ND		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	1.7		ug/kg	1.4	0.20	1
Styrene	ND		ug/kg	2.8	0.56	1
Dichlorodifluoromethane	ND		ug/kg	14	0.27	1
Acetone	ND		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.38	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
2-Hexanone	ND		ug/kg	14	0.94	1
Bromochloromethane	ND		ug/kg	7.0	0.39	1
1,2-Dibromoethane	ND		ug/kg	5.6	0.24	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	7.0	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.0	0.56	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.18	1
Naphthalene	ND		ug/kg	7.0	0.19	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.0	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.0	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.0	0.20	1
Methyl Acetate	ND		ug/kg	28	0.38	1
Cyclohexane	ND		ug/kg	28	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	28	0.38	1
Methyl cyclohexane	ND		ug/kg	5.6	0.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	110		70-130

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID:	L1515519-02	Date Collected:	07/07/15 10:55
Client ID:	MW-4-8-10-7715	Date Received:	07/07/15
Sample Location:	SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/08/15 12:25		
Analyst:	BN		
Percent Solids:	70%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.6	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.53	1
Carbon tetrachloride	ND		ug/kg	1.4	0.30	1
1,2-Dichloropropane	ND		ug/kg	5.0	0.32	1
Dibromochloromethane	ND		ug/kg	1.4	0.22	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.43	1
Tetrachloroethene	1.3	J	ug/kg	1.4	0.20	1
Chlorobenzene	ND		ug/kg	1.4	0.50	1
Trichlorofluoromethane	ND		ug/kg	7.1	0.55	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.16	1
Bromodichloromethane	ND		ug/kg	1.4	0.25	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
Bromoform	ND		ug/kg	5.7	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.17	1
Toluene	ND		ug/kg	2.1	0.28	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	7.1	0.42	1
Bromomethane	ND		ug/kg	2.8	0.48	1
Vinyl chloride	ND		ug/kg	2.8	0.17	1
Chloroethane	ND		ug/kg	2.8	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.37	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.30	1
Trichloroethene	ND		ug/kg	1.4	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	7.1	0.22	1
1,3-Dichlorobenzene	ND		ug/kg	7.1	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	7.1	0.20	1

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-02 Date Collected: 07/07/15 10:55

Client ID: MW-4-8-10-7715 Date Received: 07/07/15

Sample Location: SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	ND		ug/kg	2.8	0.28	1
o-Xylene	ND		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Styrene	ND		ug/kg	2.8	0.57	1
Dichlorodifluoromethane	ND		ug/kg	14	0.27	1
Acetone	26		ug/kg	14	1.5	1
Carbon disulfide	ND		ug/kg	14	1.6	1
2-Butanone	5.6	J	ug/kg	14	0.39	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.35	1
2-Hexanone	ND		ug/kg	14	0.95	1
Bromochloromethane	ND		ug/kg	7.1	0.39	1
1,2-Dibromoethane	ND		ug/kg	5.7	0.25	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	7.1	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.1	0.56	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.18	1
Naphthalene	0.67	J	ug/kg	7.1	0.20	1
n-Propylbenzene	ND		ug/kg	1.4	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.1	0.21	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.1	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.1	0.20	1
Methyl Acetate	ND		ug/kg	28	0.38	1
Cyclohexane	ND		ug/kg	28	0.21	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	28	0.39	1
Methyl cyclohexane	ND		ug/kg	5.7	0.22	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	108		70-130

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID:	L1515519-03	Date Collected:	07/07/15 11:20
Client ID:	MW-4-14-16-7715	Date Received:	07/07/15
Sample Location:	SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/08/15 12:55		
Analyst:	BN		
Percent Solids:	60%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.8	1
1,1-Dichloroethane	ND		ug/kg	2.5	0.14	1
Chloroform	ND		ug/kg	2.5	0.61	1
Carbon tetrachloride	ND		ug/kg	1.6	0.35	1
1,2-Dichloropropane	ND		ug/kg	5.8	0.38	1
Dibromochloromethane	ND		ug/kg	1.6	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	2.5	0.50	1
Tetrachloroethene	ND		ug/kg	1.6	0.23	1
Chlorobenzene	ND		ug/kg	1.6	0.58	1
Trichlorofluoromethane	ND		ug/kg	8.3	0.64	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.29	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.20	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
Bromoform	ND		ug/kg	6.6	0.39	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.17	1
Benzene	ND		ug/kg	1.6	0.20	1
Toluene	ND		ug/kg	2.5	0.32	1
Ethylbenzene	ND		ug/kg	1.6	0.21	1
Chloromethane	ND		ug/kg	8.3	0.49	1
Bromomethane	ND		ug/kg	3.3	0.56	1
Vinyl chloride	ND		ug/kg	3.3	0.19	1
Chloroethane	ND		ug/kg	3.3	0.52	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.35	1
Trichloroethene	ND		ug/kg	1.6	0.21	1
1,2-Dichlorobenzene	ND		ug/kg	8.3	0.25	1
1,3-Dichlorobenzene	ND		ug/kg	8.3	0.22	1
1,4-Dichlorobenzene	ND		ug/kg	8.3	0.23	1

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-03 Date Collected: 07/07/15 11:20

Client ID: MW-4-14-16-7715 Date Received: 07/07/15

Sample Location: SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.3	0.14	1
p/m-Xylene	ND		ug/kg	3.3	0.33	1
o-Xylene	ND		ug/kg	3.3	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	1.6	0.24	1
Styrene	ND		ug/kg	3.3	0.66	1
Dichlorodifluoromethane	ND		ug/kg	16	0.32	1
Acetone	18		ug/kg	16	1.7	1
Carbon disulfide	ND		ug/kg	16	1.8	1
2-Butanone	ND		ug/kg	16	0.45	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.40	1
2-Hexanone	ND		ug/kg	16	1.1	1
Bromochloromethane	ND		ug/kg	8.3	0.46	1
1,2-Dibromoethane	ND		ug/kg	6.6	0.29	1
n-Butylbenzene	ND		ug/kg	1.6	0.19	1
sec-Butylbenzene	ND		ug/kg	1.6	0.20	1
tert-Butylbenzene	ND		ug/kg	8.3	0.22	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	8.3	0.66	1
Isopropylbenzene	ND		ug/kg	1.6	0.17	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.21	1
Naphthalene	ND		ug/kg	8.3	0.23	1
n-Propylbenzene	ND		ug/kg	1.6	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	8.3	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	8.3	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	8.3	0.24	1
1,2,4-Trimethylbenzene	ND		ug/kg	8.3	0.23	1
Methyl Acetate	ND		ug/kg	33	0.45	1
Cyclohexane	ND		ug/kg	33	0.24	1
1,4-Dioxane	ND		ug/kg	160	24.	1
Freon-113	ND		ug/kg	33	0.45	1
Methyl cyclohexane	ND		ug/kg	6.6	0.26	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	109		70-130

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID:	L1515519-04	Date Collected:	07/07/15 11:30
Client ID:	MW-4-18-20-7715	Date Received:	07/07/15
Sample Location:	SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/08/15 13:27		
Analyst:	BN		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	2.7		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	1.6		ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.6	0.33	1
Bromomethane	ND		ug/kg	2.2	0.38	1
Vinyl chloride	ND		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.24	1
Trichloroethene	0.69	J	ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.15	1

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-04 Date Collected: 07/07/15 11:30

Client ID: MW-4-18-20-7715 Date Received: 07/07/15

Sample Location: SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	0.60	J	ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	2.8	J	ug/kg	11	1.2	1
Carbon disulfide	ND		ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
2-Hexanone	ND		ug/kg	11	0.74	1
Bromochloromethane	ND		ug/kg	5.6	0.31	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.14	1
tert-Butylbenzene	ND		ug/kg	5.6	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.44	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	ND		ug/kg	5.6	0.15	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	0.16	1
Methyl Acetate	ND		ug/kg	22	0.30	1
Cyclohexane	ND		ug/kg	22	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.30	1
Methyl cyclohexane	ND		ug/kg	4.4	0.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	106		70-130

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID:	L1515519-05	Date Collected:	07/07/15 11:45
Client ID:	MW-4-22-24-7715	Date Received:	07/07/15
Sample Location:	SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/08/15 14:01		
Analyst:	BN		
Percent Solids:	80%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.29	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.18	1
Chlorobenzene	ND		ug/kg	1.2	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.3	0.49	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.13	1
Benzene	ND		ug/kg	1.2	0.15	1
Toluene	ND		ug/kg	1.9	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.3	0.37	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	1.9	J	ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.3	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.3	0.17	1

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-05 Date Collected: 07/07/15 11:45

Client ID: MW-4-22-24-7715 Date Received: 07/07/15

Sample Location: SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	1.3	J	ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.31	1
2-Hexanone	ND		ug/kg	12	0.84	1
Bromochloromethane	ND		ug/kg	6.3	0.35	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.3	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.3	0.50	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.16	1
Naphthalene	ND		ug/kg	6.3	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.3	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.3	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.3	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.3	0.18	1
Methyl Acetate	ND		ug/kg	25	0.34	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	5.0	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	**138**	Q	70-130
Dibromofluoromethane	109		70-130

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-05 R
Client ID: MW-4-22-24-7715
Sample Location: SYRACUSE, NY 13202
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/08/15 15:04
Analyst: BN
Percent Solids: 80%

Date Collected: 07/07/15 11:45
Date Received: 07/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.29	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.18	1
Chlorobenzene	ND		ug/kg	1.2	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.3	0.49	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.13	1
Benzene	ND		ug/kg	1.2	0.15	1
Toluene	ND		ug/kg	1.9	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.3	0.37	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	2.1	J	ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.3	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.3	0.17	1

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-05 R Date Collected: 07/07/15 11:45

Client ID: MW-4-22-24-7715 Date Received: 07/07/15

Sample Location: SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.31	1
2-Hexanone	ND		ug/kg	12	0.84	1
Bromochloromethane	ND		ug/kg	6.3	0.35	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.3	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.3	0.50	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.16	1
Naphthalene	ND		ug/kg	6.3	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.3	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.3	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.3	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.3	0.18	1
Methyl Acetate	ND		ug/kg	25	0.34	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	5.0	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	130		70-130
Dibromofluoromethane	112		70-130

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-06
Client ID: TRIP BLANK-001-7715
Sample Location: SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/08/15 10:55
Analyst: PD

Date Collected: 07/07/15 00:00
Date Received: 07/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-06 Date Collected: 07/07/15 00:00

Client ID: TRIP BLANK-001-7715 Date Received: 07/07/15

Sample Location: SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	107		70-130

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/08/15 10:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG800809-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/08/15 10:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG800809-3					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylene (Total)	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene (total)	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/08/15 10:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG800809-3					
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

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Method Blank Analysis
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Analytical Method: 1,8260C
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Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG800809-3					
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	107		70-130

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

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Method Blank Analysis
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Analytical Method: 1,8260C
Analytical Date: 07/08/15 09:58
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG800852-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

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Analytical Method: 1,8260C
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Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG800852-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

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Analytical Method: 1,8260C
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Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG800852-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

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Analytical Method: 1,8260C
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Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG800852-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL

Project Number: 21.0056730.40

Lab Number: L1515519

Report Date: 07/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG800809-1 WG800809-2								
Methylene chloride	111		107		70-130	4		20
1,1-Dichloroethane	108		102		70-130	6		20
Chloroform	106		100		70-130	6		20
2-Chloroethylvinyl ether	96		93		70-130	3		20
Carbon tetrachloride	102		101		63-132	1		20
1,2-Dichloropropane	104		99		70-130	5		20
Dibromochloromethane	109		109		63-130	0		20
1,1,2-Trichloroethane	111		105		70-130	6		20
Tetrachloroethene	101		98		70-130	3		20
Chlorobenzene	102		98		75-130	4		20
Trichlorofluoromethane	94		94		62-150	0		20
1,2-Dichloroethane	102		98		70-130	4		20
1,1,1-Trichloroethane	101		99		67-130	2		20
Bromodichloromethane	102		100		67-130	2		20
trans-1,3-Dichloropropene	104		103		70-130	1		20
cis-1,3-Dichloropropene	103		99		70-130	4		20
1,1-Dichloropropene	97		94		70-130	3		20
Bromoform	100		100		54-136	0		20
1,1,2,2-Tetrachloroethane	108		107		67-130	1		20
Benzene	105		98		70-130	7		20
Toluene	108		100		70-130	8		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG800809-1 WG800809-2								
Ethylbenzene	100		94		70-130	6		20
Chloromethane	99		97		64-130	2		20
Bromomethane	111		102		39-139	8		20
Vinyl chloride	103		100		55-140	3		20
Chloroethane	94		91		55-138	3		20
1,1-Dichloroethene	107		107		61-145	0		20
trans-1,2-Dichloroethene	103		98		70-130	5		20
Trichloroethene	104		98		70-130	6		20
1,2-Dichlorobenzene	98		96		70-130	2		20
1,3-Dichlorobenzene	99		96		70-130	3		20
1,4-Dichlorobenzene	97		96		70-130	1		20
Methyl tert butyl ether	108		106		63-130	2		20
p/m-Xylene	101		96		70-130	5		20
o-Xylene	100		96		70-130	4		20
cis-1,2-Dichloroethene	104		99		70-130	5		20
Dibromomethane	105		103		70-130	2		20
1,2,3-Trichloropropane	104		103		64-130	1		20
Acrylonitrile	115		114		70-130	1		20
Diisopropyl Ether	105		102		70-130	3		20
Tert-Butyl Alcohol	110		119		70-130	8		20
Styrene	99		96		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG800809-1 WG800809-2								
Dichlorodifluoromethane	118		117		36-147	1		20
Acetone	117		103		58-148	13		20
Carbon disulfide	102		97		51-130	5		20
2-Butanone	104		99		63-138	5		20
Vinyl acetate	92		90		70-130	2		20
4-Methyl-2-pentanone	96		92		59-130	4		20
2-Hexanone	98		95		57-130	3		20
Acrolein	115		108		40-160	6		20
Bromochloromethane	111		106		70-130	5		20
2,2-Dichloropropane	112		108		63-133	4		20
1,2-Dibromoethane	108		107		70-130	1		20
1,3-Dichloropropane	104		104		70-130	0		20
1,1,1,2-Tetrachloroethane	102		102		64-130	0		20
Bromobenzene	103		101		70-130	2		20
n-Butylbenzene	89		84		53-136	6		20
sec-Butylbenzene	92		84		70-130	9		20
tert-Butylbenzene	92		86		70-130	7		20
o-Chlorotoluene	99		96		70-130	3		20
p-Chlorotoluene	98		94		70-130	4		20
1,2-Dibromo-3-chloropropane	87		91		41-144	4		20
Hexachlorobutadiene	86		88		63-130	2		20

Lab Control Sample Analysis
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Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG800809-1 WG800809-2								
Isopropylbenzene	97		91		70-130	6		20
p-Isopropyltoluene	93		87		70-130	7		20
Naphthalene	75		96		70-130	**25**	Q	20
n-Propylbenzene	96		88		69-130	9		20
1,2,3-Trichlorobenzene	74		92		70-130	**22**	Q	20
1,2,4-Trichlorobenzene	76		87		70-130	13		20
1,3,5-Trimethylbenzene	96		91		64-130	5		20
1,2,4-Trimethylbenzene	98		93		70-130	5		20
Methyl Acetate	114		112		70-130	2		20
Ethyl Acetate	114		102		70-130	11		20
Cyclohexane	102		99		70-130	3		20
Ethyl-Tert-Butyl-Ether	101		99		70-130	2		20
Tertiary-Amyl Methyl Ether	101		98		66-130	3		20
1,4-Dioxane	127		113		56-162	12		20
Freon-113	107		106		70-130	1		20
p-Diethylbenzene	90		86		70-130	5		20
p-Ethyltoluene	97		91		70-130	6		20
1,2,4,5-Tetramethylbenzene	85		85		70-130	0		20
Ethyl ether	99		99		59-134	0		20
trans-1,4-Dichloro-2-butene	102		104		70-130	2		20
Methyl cyclohexane	98		93		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

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Project Number: 21.0056730.40

Lab Number: L1515519

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG800809-1 WG800809-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		100		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	98		98		70-130
Dibromofluoromethane	104		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL

Project Number: 21.0056730.40

Lab Number: L1515519

Report Date: 07/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG800852-1 WG800852-2								
Methylene chloride	91		90		70-130	1		30
1,1-Dichloroethane	95		98		70-130	3		30
Chloroform	105		107		70-130	2		30
Carbon tetrachloride	130		**136**	Q	70-130	5		30
1,2-Dichloropropane	90		93		70-130	3		30
Dibromochloromethane	110		111		70-130	1		30
2-Chloroethylvinyl ether	113		110		70-130	3		30
1,1,2-Trichloroethane	95		94		70-130	1		30
Tetrachloroethene	122		130		70-130	6		30
Chlorobenzene	100		105		70-130	5		30
Trichlorofluoromethane	134		139		70-139	4		30
1,2-Dichloroethane	110		111		70-130	1		30
1,1,1-Trichloroethane	120		124		70-130	3		30
Bromodichloromethane	104		106		70-130	2		30
trans-1,3-Dichloropropene	102		105		70-130	3		30
cis-1,3-Dichloropropene	97		98		70-130	1		30
1,1-Dichloropropene	106		111		70-130	5		30
Bromoform	109		108		70-130	1		30
1,1,2,2-Tetrachloroethane	88		86		70-130	2		30
Benzene	94		98		70-130	4		30
Toluene	95		101		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40
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Report Date: 07/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG800852-1 WG800852-2								
Ethylbenzene	103		108		70-130	5		30
Chloromethane	67		70		52-130	4		30
Bromomethane	104		105		57-147	1		30
Vinyl chloride	71		74		67-130	4		30
Chloroethane	98		106		50-151	8		30
1,1-Dichloroethene	100		104		65-135	4		30
trans-1,2-Dichloroethene	97		101		70-130	4		30
Trichloroethene	106		110		70-130	4		30
1,2-Dichlorobenzene	106		109		70-130	3		30
1,3-Dichlorobenzene	107		111		70-130	4		30
1,4-Dichlorobenzene	105		110		70-130	5		30
Methyl tert butyl ether	98		97		66-130	1		30
p/m-Xylene	106		112		70-130	6		30
o-Xylene	104		109		70-130	5		30
cis-1,2-Dichloroethene	94		99		70-130	5		30
Dibromomethane	103		103		70-130	0		30
Styrene	105		109		70-130	4		30
Dichlorodifluoromethane	81		85		30-146	5		30
Acetone	88		81		54-140	8		30
Carbon disulfide	77		83		59-130	8		30
2-Butanone	87		82		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40
Lab Number: L1515519
Report Date: 07/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG800852-1 WG800852-2								
Vinyl acetate	92		90		70-130	2		30
4-Methyl-2-pentanone	85		82		70-130	4		30
1,2,3-Trichloropropane	94		91		68-130	3		30
2-Hexanone	81		79		70-130	3		30
Bromochloromethane	106		107		70-130	1		30
2,2-Dichloropropane	122		124		70-130	2		30
1,2-Dibromoethane	100		99		70-130	1		30
1,3-Dichloropropane	96		95		69-130	1		30
1,1,1,2-Tetrachloroethane	112		116		70-130	4		30
Bromobenzene	102		106		70-130	4		30
n-Butylbenzene	102		108		70-130	6		30
sec-Butylbenzene	105		110		70-130	5		30
tert-Butylbenzene	107		114		70-130	6		30
o-Chlorotoluene	99		103		70-130	4		30
p-Chlorotoluene	99		103		70-130	4		30
1,2-Dibromo-3-chloropropane	102		101		68-130	1		30
Hexachlorobutadiene	**134**	Q	**141**	Q	67-130	5		30
Isopropylbenzene	100		106		70-130	6		30
p-Isopropyltoluene	109		115		70-130	5		30
Naphthalene	95		95		70-130	0		30
Acrylonitrile	81		77		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40
Lab Number: L1515519
Report Date: 07/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG800852-1 WG800852-2								
Diisopropyl Ether	84		87		66-130	4		30
Tert-Butyl Alcohol	95		87		70-130	9		30
n-Propylbenzene	97		103		70-130	6		30
1,2,3-Trichlorobenzene	110		113		70-130	3		30
1,2,4-Trichlorobenzene	112		116		70-130	4		30
1,3,5-Trimethylbenzene	105		108		70-130	3		30
1,2,4-Trimethylbenzene	103		107		70-130	4		30
Methyl Acetate	89		83		51-146	7		30
Ethyl Acetate	90		85		70-130	6		30
Acrolein	81		76		70-130	6		30
Cyclohexane	81		87		59-142	7		30
1,4-Dioxane	86		81		65-136	6		30
Freon-113	106		113		50-139	6		30
p-Diethylbenzene	106		113		70-130	6		30
p-Ethyltoluene	100		106		70-130	6		30
1,2,4,5-Tetramethylbenzene	104		109		70-130	5		30
Tetrahydrofuran	83		77		66-130	8		30
Ethyl ether	90		89		67-130	1		30
trans-1,4-Dichloro-2-butene	106		105		70-130	1		30
Methyl cyclohexane	87		94		70-130	8		30
Ethyl-Tert-Butyl-Ether	94		94		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL

Project Number: 21.0056730.40

Lab Number: L1515519

Report Date: 07/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG800852-1 WG800852-2								
Tertiary-Amyl Methyl Ether	93		95		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	117		115		70-130
Toluene-d8	98		99		70-130
4-Bromofluorobenzene	92		93		70-130
Dibromofluoromethane	105		104		70-130

SEMIVOLATILES

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID:	L1515519-01	Date Collected:	07/07/15 10:40
Client ID:	MW-4-4-6-7715	Date Received:	07/07/15
Sample Location:	SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	07/08/15 04:54
Analytical Date:	07/08/15 12:58		
Analyst:	RC		
Percent Solids:	71%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	47.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	75.	1
Hexachlorobenzene	ND		ug/kg	140	43.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	64.	1
2-Chloronaphthalene	ND		ug/kg	230	75.	1
1,2-Dichlorobenzene	ND		ug/kg	230	76.	1
1,3-Dichlorobenzene	ND		ug/kg	230	72.	1
1,4-Dichlorobenzene	ND		ug/kg	230	70.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	50.	1
2,6-Dinitrotoluene	ND		ug/kg	230	59.	1
Fluoranthene	ND		ug/kg	140	42.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	70.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	53.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	81.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	70.	1
Hexachlorobutadiene	ND		ug/kg	230	65.	1
Hexachlorocyclopentadiene	ND		ug/kg	660	150	1
Hexachloroethane	ND		ug/kg	180	42.	1
Isophorone	ND		ug/kg	210	61.	1
Naphthalene	ND		ug/kg	230	76.	1
Nitrobenzene	ND		ug/kg	210	55.	1
NDPA/DPA	ND		ug/kg	180	48.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	68.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	60.	1
Butyl benzyl phthalate	ND		ug/kg	230	45.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	57.	1
Diethyl phthalate	ND		ug/kg	230	49.	1
Dimethyl phthalate	ND		ug/kg	230	58.	1

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-01 Date Collected: 07/07/15 10:40

Client ID: MW-4-4-6-7715 Date Received: 07/07/15

Sample Location: SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	ND		ug/kg	140	45.	1
Benzo(a)pyrene	ND		ug/kg	180	56.	1
Benzo(b)fluoranthene	ND		ug/kg	140	46.	1
Benzo(k)fluoranthene	ND		ug/kg	140	44.	1
Chrysene	ND		ug/kg	140	45.	1
Acenaphthylene	ND		ug/kg	180	43.	1
Anthracene	ND		ug/kg	140	38.	1
Benzo(ghi)perylene	ND		ug/kg	180	48.	1
Fluorene	ND		ug/kg	230	66.	1
Phenanthrene	ND		ug/kg	140	45.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	44.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	51.	1
Pyrene	ND		ug/kg	140	45.	1
Biphenyl	ND		ug/kg	520	76.	1
4-Chloroaniline	ND		ug/kg	230	61.	1
2-Nitroaniline	ND		ug/kg	230	65.	1
3-Nitroaniline	ND		ug/kg	230	64.	1
4-Nitroaniline	ND		ug/kg	230	62.	1
Dibenzofuran	ND		ug/kg	230	77.	1
2-Methylnaphthalene	ND		ug/kg	280	73.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	71.	1
Acetophenone	ND		ug/kg	230	71.	1
Benzyl Alcohol	ND		ug/kg	230	71.	1
Carbazole	ND		ug/kg	230	49.	1
Benzaldehyde	ND		ug/kg	300	93.	1
Caprolactam	ND		ug/kg	230	64.	1
Atrazine	ND		ug/kg	180	52.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	82		18-120

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID:	L1515519-02 D2	Date Collected:	07/07/15 10:55
Client ID:	MW-4-8-10-7715	Date Received:	07/07/15
Sample Location:	SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	07/08/15 04:54
Analytical Date:	07/08/15 14:47		
Analyst:	RC		
Percent Solids:	70%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	40000		ug/kg	1400	430	10
Benzo(a)anthracene	20000		ug/kg	1400	460	10
Benzo(b)fluoranthene	20000		ug/kg	1400	480	10
Chrysene	21000		ug/kg	1400	460	10
Phenanthrene	19000		ug/kg	1400	460	10
Pyrene	33000		ug/kg	1400	460	10

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID:	L1515519-02 D	Date Collected:	07/07/15 10:55
Client ID:	MW-4-8-10-7715	Date Received:	07/07/15
Sample Location:	SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	07/08/15 04:54
Analytical Date:	07/08/15 13:25		
Analyst:	RC		
Percent Solids:	70%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	950		ug/kg	380	97.	2
1,2,4-Trichlorobenzene	ND		ug/kg	470	150	2
Hexachlorobenzene	ND		ug/kg	280	88.	2
Bis(2-chloroethyl)ether	ND		ug/kg	420	130	2
2-Chloronaphthalene	ND		ug/kg	470	150	2
1,2-Dichlorobenzene	ND		ug/kg	470	150	2
1,3-Dichlorobenzene	ND		ug/kg	470	150	2
1,4-Dichlorobenzene	ND		ug/kg	470	140	2
3,3'-Dichlorobenzidine	ND		ug/kg	470	120	2
2,4-Dinitrotoluene	ND		ug/kg	470	100	2
2,6-Dinitrotoluene	ND		ug/kg	470	120	2
Fluoranthene	41000	E	ug/kg	280	86.	2
4-Chlorophenyl phenyl ether	ND		ug/kg	470	140	2
4-Bromophenyl phenyl ether	ND		ug/kg	470	110	2
Bis(2-chloroisopropyl)ether	ND		ug/kg	560	160	2
Bis(2-chloroethoxy)methane	ND		ug/kg	510	140	2
Hexachlorobutadiene	ND		ug/kg	470	130	2
Hexachlorocyclopentadiene	ND		ug/kg	1300	300	2
Hexachloroethane	ND		ug/kg	380	86.	2
Isophorone	ND		ug/kg	420	120	2
Naphthalene	820		ug/kg	470	160	2
Nitrobenzene	ND		ug/kg	420	110	2
NDPA/DPA	ND		ug/kg	380	99.	2
n-Nitrosodi-n-propylamine	ND		ug/kg	470	140	2
Bis(2-ethylhexyl)phthalate	ND		ug/kg	470	120	2
Butyl benzyl phthalate	ND		ug/kg	470	92.	2
Di-n-butylphthalate	ND		ug/kg	470	91.	2
Di-n-octylphthalate	ND		ug/kg	470	120	2
Diethyl phthalate	ND		ug/kg	470	100	2
Dimethyl phthalate	ND		ug/kg	470	120	2

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-02 D Date Collected: 07/07/15 10:55

Client ID: MW-4-8-10-7715 Date Received: 07/07/15

Sample Location: SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	20000	E	ug/kg	280	92.	2
Benzo(a)pyrene	17000		ug/kg	380	120	2
Benzo(b)fluoranthene	21000	E	ug/kg	280	95.	2
Benzo(k)fluoranthene	7100		ug/kg	280	90.	2
Chrysene	20000	E	ug/kg	280	92.	2
Acenaphthylene	2300		ug/kg	380	88.	2
Anthracene	6300		ug/kg	280	78.	2
Benzo(ghi)perylene	7700		ug/kg	380	98.	2
Fluorene	2000		ug/kg	470	140	2
Phenanthrene	20000	E	ug/kg	280	92.	2
Dibenzo(a,h)anthracene	2400		ug/kg	280	91.	2
Indeno(1,2,3-cd)pyrene	8800		ug/kg	380	100	2
Pyrene	36000	E	ug/kg	280	92.	2
Biphenyl	ND		ug/kg	1100	160	2
4-Chloroaniline	ND		ug/kg	470	120	2
2-Nitroaniline	ND		ug/kg	470	130	2
3-Nitroaniline	ND		ug/kg	470	130	2
4-Nitroaniline	ND		ug/kg	470	130	2
Dibenzofuran	710		ug/kg	470	160	2
2-Methylnaphthalene	250	J	ug/kg	560	150	2
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	470	140	2
Acetophenone	ND		ug/kg	470	150	2
Benzyl Alcohol	ND		ug/kg	470	140	2
Carbazole	740		ug/kg	470	100	2
Benzaldehyde	ND		ug/kg	620	190	2
Caprolactam	ND		ug/kg	470	130	2
Atrazine	ND		ug/kg	380	110	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	66		18-120

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/08/15 11:37
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/08/15 04:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG800654-1					
Acenaphthene	ND		ug/kg	130	33.
Benzidine	ND		ug/kg	530	130
n-Nitrosodimethylamine	ND		ug/kg	320	52.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	41.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Azobenzene	ND		ug/kg	160	43.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	29.
Isophorone	ND		ug/kg	140	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	140	38.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/08/15 11:37
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/08/15 04:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG800654-1					
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	39.
Benzo(b)fluoranthene	ND		ug/kg	97	33.
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	31.
Biphenyl	ND		ug/kg	370	53.
Aniline	ND		ug/kg	190	33.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	44.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
P-Chloro-M-Cresol	ND		ug/kg	160	47.

Project Name: COYNE TEXTILE SERV.-MW INSTALL **Lab Number:** L1515519

Project Number: 21.0056730.40 **Report Date:** 07/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/08/15 11:37
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/08/15 04:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG800654-1					
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	140	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	50.
4-Nitrophenol	ND		ug/kg	220	52.
2,4-Dinitrophenol	ND		ug/kg	770	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	34.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.
Benzaldehyde	ND		ug/kg	210	65.
Caprolactam	ND		ug/kg	160	44.
Atrazine	ND		ug/kg	130	36.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	27.
Pyridine	ND		ug/kg	640	58.
Parathion, ethyl	ND		ug/kg	160	64.
1-Methylnaphthalene	ND		ug/kg	160	48.

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40

Lab Number: L1515519
Report Date: 07/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/08/15 11:37
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/08/15 04:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG800654-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	117		25-120
Phenol-d6	**123**	Q	10-120
Nitrobenzene-d5	118		23-120
2-Fluorobiphenyl	120		30-120
2,4,6-Tribromophenol	123		10-136
4-Terphenyl-d14	**132**	Q	18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40
Lab Number: L1515519
Report Date: 07/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG800654-2 WG800654-3								
Acenaphthene	83		115		31-137	32		50
Benzidine	51		58		10-66	13		50
n-Nitrosodimethylamine	72		**102**	Q	22-100	34		50
1,2,4-Trichlorobenzene	73		104		38-107	35		50
Hexachlorobenzene	85		111		40-140	27		50
Bis(2-chloroethyl)ether	67		102		40-140	41		50
2-Chloronaphthalene	81		115		40-140	35		50
1,2-Dichlorobenzene	68		97		40-140	35		50
1,3-Dichlorobenzene	68		96		40-140	34		50
1,4-Dichlorobenzene	68		94		28-104	32		50
3,3'-Dichlorobenzidine	78		100		40-140	25		50
2,4-Dinitrotoluene	84		**116**	Q	28-89	32		50
2,6-Dinitrotoluene	83		114		40-140	31		50
Fluoranthene	83		113		40-140	31		50
4-Chlorophenyl phenyl ether	81		109		40-140	29		50
4-Bromophenyl phenyl ether	81		107		40-140	28		50
Azobenzene	91		123		40-140	30		50
Bis(2-chloroisopropyl)ether	77		110		40-140	35		50
Bis(2-chloroethoxy)methane	76		108		40-117	35		50
Hexachlorobutadiene	75		105		40-140	33		50
Hexachlorocyclopentadiene	70		100		40-140	35		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL

Project Number: 21.0056730.40

Lab Number: L1515519

Report Date: 07/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG800654-2 WG800654-3								
Hexachloroethane	70		100		40-140	35		50
Isophorone	76		108		40-140	35		50
Naphthalene	77		106		40-140	32		50
Nitrobenzene	77		112		40-140	37		50
NitrosoDiPhenylAmine(NDPA)/DPA	84		112		36-157	29		50
n-Nitrosodi-n-propylamine	79		111		32-121	34		50
Bis(2-Ethylhexyl)phthalate	95		121		40-140	24		50
Butyl benzyl phthalate	91		117		40-140	25		50
Di-n-butylphthalate	90		119		40-140	28		50
Di-n-octylphthalate	96		124		40-140	25		50
Diethyl phthalate	86		117		40-140	31		50
Dimethyl phthalate	86		117		40-140	31		50
Benzo(a)anthracene	84		111		40-140	28		50
Benzo(a)pyrene	87		114		40-140	27		50
Benzo(b)fluoranthene	84		108		40-140	25		50
Benzo(k)fluoranthene	86		118		40-140	31		50
Chrysene	86		111		40-140	25		50
Acenaphthylene	80		110		40-140	32		50
Anthracene	85		113		40-140	28		50
Benzo(ghi)perylene	88		117		40-140	28		50
Fluorene	82		112		40-140	31		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40
Lab Number: L1515519
Report Date: 07/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG800654-2 WG800654-3								
Phenanthrene	84		113		40-140	29		50
Dibenzo(a,h)anthracene	88		118		40-140	29		50
Indeno(1,2,3-cd)Pyrene	86		116		40-140	30		50
Pyrene	84		112		35-142	29		50
Biphenyl	83		**115**	Q	54-104	32		50
Aniline	56		83		40-140	39		50
4-Chloroaniline	91		138		40-140	41		50
2-Nitroaniline	80		116		47-134	37		50
3-Nitroaniline	71		96		26-129	30		50
4-Nitroaniline	85		109		41-125	25		50
Dibenzofuran	84		114		40-140	30		50
2-Methylnaphthalene	79		110		40-140	33		50
1,2,4,5-Tetrachlorobenzene	80		111		40-117	32		50
Acetophenone	80		116		14-144	37		50
2,4,6-Trichlorophenol	82		113		30-130	32		50
P-Chloro-M-Cresol	88		**127**	Q	26-103	36		50
2-Chlorophenol	78		**115**	Q	25-102	38		50
2,4-Dichlorophenol	87		122		30-130	33		50
2,4-Dimethylphenol	86		124		30-130	36		50
2-Nitrophenol	75		115		30-130	42		50
4-Nitrophenol	92		**133**	Q	11-114	36		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL

Project Number: 21.0056730.40

Lab Number: L1515519

Report Date: 07/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG800654-2 WG800654-3								
2,4-Dinitrophenol	30		39		4-130	26		50
4,6-Dinitro-o-cresol	72		85		10-130	17		50
Pentachlorophenol	76		104		17-109	31		50
Phenol	82		**116**	Q	26-90	34		50
2-Methylphenol	84		119		30-130.	34		50
3-Methylphenol/4-Methylphenol	92		**134**	Q	30-130	37		50
2,4,5-Trichlorophenol	87		120		30-130	32		50
Benzoic Acid	**8**	Q	21		10-66	**86**	Q	50
Benzyl Alcohol	88		124		40-140	34		50
Carbazole	84		114		54-128	30		50
Benzaldehyde	81		118		40-140	37		50
Caprolactam	85		124		15-130	37		50
Atrazine	89		122		40-140	31		50
2,3,4,6-Tetrachlorophenol	87		123		40-140	34		50
Pyridine	51		65		10-93	24		50
Parathion, ethyl	102		129		40-140	23		50
1-Methylnaphthalene	90		120		26-130	29		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL

Project Number: 21.0056730.40

Lab Number: L1515519

Report Date: 07/08/15

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

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG800654-2 WG800654-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	81		113		25-120
Phenol-d6	90		**125**	Q	10-120
Nitrobenzene-d5	85		118		23-120
2-Fluorobiphenyl	85		114		30-120
2,4,6-Tribromophenol	104		136		10-136
4-Terphenyl-d14	91		117		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40

Lab Number: L1515519
Report Date: 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-01
Client ID: MW-4-4-6-7715
Sample Location: SYRACUSE, NY 13202
Matrix: Soil

Date Collected: 07/07/15 10:40
Date Received: 07/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.2		%	0.100	NA	1	-	07/08/15 05:43	30,2540G	LH

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40

Lab Number: L1515519
Report Date: 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-02
Client ID: MW-4-8-10-7715
Sample Location: SYRACUSE, NY 13202
Matrix: Soil

Date Collected: 07/07/15 10:55
Date Received: 07/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.2		%	0.100	NA	1	-	07/08/15 05:43	30,2540G	LH

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40

Lab Number: L1515519
Report Date: 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-03
Client ID: MW-4-14-16-7715
Sample Location: SYRACUSE, NY 13202
Matrix: Soil

Date Collected: 07/07/15 11:20
Date Received: 07/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	60.4		%	0.100	NA	1	-	07/08/15 05:43	30,2540G	LH

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40

Lab Number: L1515519
Report Date: 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-04
Client ID: MW-4-18-20-7715
Sample Location: SYRACUSE, NY 13202
Matrix: Soil

Date Collected: 07/07/15 11:30
Date Received: 07/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.9		%	0.100	NA	1	-	07/08/15 05:43	30,2540G	LH

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40

Lab Number: L1515519
Report Date: 07/08/15

SAMPLE RESULTS

Lab ID: L1515519-05
Client ID: MW-4-22-24-7715
Sample Location: SYRACUSE, NY 13202
Matrix: Soil

Date Collected: 07/07/15 11:45
Date Received: 07/07/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.7		%	0.100	NA	1	-	07/08/15 05:43	30,2540G	LH

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40

Lab Number: L1515519
Report Date: 07/08/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG800665-1 QC Sample: L1515519-01 Client ID: MW-4-4-6-7715						
Solids, Total	71.2	70.2	%	1		20

Project Name: COYNE TEXTILE SERV.-MW INSTALL
Project Number: 21.0056730.40

Lab Number: L1515519
Report Date: 07/08/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515519-01A	Glass 60mL/2oz unpreserved	A	N/A	4.8	Y	Absent	NYTCL-8260(14)
L1515519-01B	Glass 120ml/4oz unpreserved	A	N/A	4.8	Y	Absent	NYTCL-8270(14),TS(7)
L1515519-02A	Glass 60mL/2oz unpreserved	A	N/A	4.8	Y	Absent	NYTCL-8260(14)
L1515519-02B	Glass 120ml/4oz unpreserved	A	N/A	4.8	Y	Absent	NYTCL-8270(14),TS(7)
L1515519-03A	Glass 60mL/2oz unpreserved	A	N/A	4.8	Y	Absent	TS(7),NYTCL-8260(14)
L1515519-04A	Glass 60mL/2oz unpreserved	A	N/A	4.8	Y	Absent	TS(7),NYTCL-8260(14)
L1515519-05A	Glass 60mL/2oz unpreserved	A	N/A	4.8	Y	Absent	TS(7),NYTCL-8260(14)
L1515519-06A	Vial HCl preserved	A	N/A	4.8	Y	Absent	NYTCL-8260(14)
L1515519-06B	Vial HCl preserved	A	N/A	4.8	Y	Absent	NYTCL-8260(14)
L1515519-06C	Vial HCl preserved	A	N/A	4.8	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERV.-MW INSTALL	**Lab Number:**	L1515519
Project Number:	21.0056730.40	**Report Date:**	07/08/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERV.-MW INSTALL	**Lab Number:**	L1515519
Project Number:	21.0056730.40	**Report Date:**	07/08/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERV.-MW INSTALL	**Lab Number:**	L1515519
Project Number:	21.0056730.40	**Report Date:**	07/08/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/8/15

ALPHA Job #: L1515519

Project Information
Project Name: Coyne Textile Services - MW Installation
Project Location: Syracuse, NY 13202
Project #: 21.0056730.46
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/8/2015
Rush (only if pre approved) ☒ # of Days: 1

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor
Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3629
Email: thomas.bohlen@gza.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

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

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS 8260	ANALYSIS 8270							Sample Specific Comments	Total # of Bottles
1515519 -01	MW-4-4-6-7715					X	X								
-02	MW-4-8-10-7715					X	X								
-03	MW-4-14-16-7715					X									
-04	MW-4-18-20-7715					X									
-05	MW-4-22-24-7715					X									
-06	TripBlank-001-7715					X									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A/V	A					
Preservative	A/B	A					

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	07/07/2015/1700	[illegible]	7/7/15 1700
[illegible]	7/7/15 2240	[illegible]	7/7/15 2240
[illegible]	7/8/15 0345	[illegible]	7/8/15 0345

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1515786
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES MW INST
Project Number:	21.0056730.40
Report Date:	07/10/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40

Lab Number: L1515786
Report Date: 07/10/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1515786-01	MW-5-5-7-7915	SOIL	140 CORTLAND AVE-SYRACUSE, NY	07/09/15 10:05	07/09/15
L1515786-02	MW-5-11-13-7915	SOIL	140 CORTLAND AVE-SYRACUSE, NY	07/09/15 10:20	07/09/15
L1515786-03	MW-5-19-21-7915	SOIL	140 CORTLAND AVE-SYRACUSE, NY	07/09/15 10:40	07/09/15
L1515786-04	MW-5-29-31-7915	SOIL	140 CORTLAND AVE-SYRACUSE, NY	07/09/15 11:10	07/09/15
L1515786-05	MW-5-35-37-7915	SOIL	140 CORTLAND AVE-SYRACUSE, NY	07/09/15 12:35	07/09/15
L1515786-06	MW-5-45-47-7915	SOIL	140 CORTLAND AVE-SYRACUSE, NY	07/09/15 14:45	07/09/15
L1515786-07	MW-5-17-19-7915	SOIL	140 CORTLAND AVE-SYRACUSE, NY	07/09/15 10:35	07/09/15
L1515786-08	TRIP BLANK-002-7915	WATER	140 CORTLAND AVE-SYRACUSE, NY	07/09/15 00:00	07/09/15

Project Name:	COYNE TEXTILE SERVICES MW INST	**Lab Number:**	L1515786
Project Number:	21.0056730.40	**Report Date:**	07/10/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES MW INST	**Lab Number:**	L1515786
Project Number:	21.0056730.40	**Report Date:**	07/10/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative

Date: 07/10/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID:	L1515786-01	Date Collected:	07/09/15 10:05
Client ID:	MW-5-5-7-7915	Date Received:	07/09/15
Sample Location:	140 CORTLAND AVE-SYRACUSE, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/10/15 12:30		
Analyst:	BN		
Percent Solids:	66%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	15	1.7	1
1,1-Dichloroethane	ND		ug/kg	2.3	0.13	1
Chloroform	ND		ug/kg	2.3	0.56	1
Carbon tetrachloride	ND		ug/kg	1.5	0.32	1
1,2-Dichloropropane	ND		ug/kg	5.3	0.34	1
Dibromochloromethane	ND		ug/kg	1.5	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.46	1
Tetrachloroethene	63		ug/kg	1.5	0.21	1
Chlorobenzene	ND		ug/kg	1.5	0.53	1
Trichlorofluoromethane	ND		ug/kg	7.6	0.59	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.17	1
Bromodichloromethane	ND		ug/kg	1.5	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
Bromoform	ND		ug/kg	6.1	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.15	1
Benzene	0.38	J	ug/kg	1.5	0.18	1
Toluene	ND		ug/kg	2.3	0.30	1
Ethylbenzene	ND		ug/kg	1.5	0.19	1
Chloromethane	ND		ug/kg	7.6	0.44	1
Bromomethane	ND		ug/kg	3.0	0.51	1
Vinyl chloride	ND		ug/kg	3.0	0.18	1
Chloroethane	ND		ug/kg	3.0	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.32	1
Trichloroethene	2.4		ug/kg	1.5	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	7.6	0.23	1
1,3-Dichlorobenzene	ND		ug/kg	7.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	7.6	0.21	1

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-01 Date Collected: 07/09/15 10:05

Client ID: MW-5-5-7-7915 Date Received: 07/09/15

Sample Location: 140 CORTLAND AVE-SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.0	0.13	1
p/m-Xylene	ND		ug/kg	3.0	0.30	1
o-Xylene	ND		ug/kg	3.0	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.22	1
Styrene	ND		ug/kg	3.0	0.61	1
Dichlorodifluoromethane	ND		ug/kg	15	0.29	1
Acetone	ND		ug/kg	15	1.6	1
Carbon disulfide	ND		ug/kg	15	1.7	1
2-Butanone	ND		ug/kg	15	0.41	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.37	1
2-Hexanone	ND		ug/kg	15	1.0	1
Bromochloromethane	ND		ug/kg	7.6	0.42	1
1,2-Dibromoethane	ND		ug/kg	6.1	0.26	1
n-Butylbenzene	ND		ug/kg	1.5	0.17	1
sec-Butylbenzene	ND		ug/kg	1.5	0.18	1
tert-Butylbenzene	ND		ug/kg	7.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.6	0.60	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.19	1
Naphthalene	ND		ug/kg	7.6	0.21	1
n-Propylbenzene	ND		ug/kg	1.5	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.6	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.6	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.6	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.6	0.21	1
Methyl Acetate	ND		ug/kg	30	0.41	1
Cyclohexane	ND		ug/kg	30	0.22	1
1,4-Dioxane	ND		ug/kg	150	22.	1
Freon-113	ND		ug/kg	30	0.42	1
Methyl cyclohexane	ND		ug/kg	6.1	0.23	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	104		70-130

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID:	L1515786-02	Date Collected:	07/09/15 10:20
Client ID:	MW-5-11-13-7915	Date Received:	07/09/15
Sample Location:	140 CORTLAND AVE-SYRACUSE, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/10/15 09:47		
Analyst:	BN		
Percent Solids:	64%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.7	1
1,1-Dichloroethane	2.8		ug/kg	2.4	0.13	1
Chloroform	ND		ug/kg	2.4	0.58	1
Carbon tetrachloride	ND		ug/kg	1.6	0.33	1
1,2-Dichloropropane	ND		ug/kg	5.5	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.48	1
Tetrachloroethene	ND		ug/kg	1.6	0.22	1
Chlorobenzene	ND		ug/kg	1.6	0.55	1
Trichlorofluoromethane	ND		ug/kg	7.9	0.61	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.17	1
Bromodichloromethane	ND		ug/kg	1.6	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.18	1
Bromoform	ND		ug/kg	6.3	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	0.42	J	ug/kg	1.6	0.18	1
Toluene	ND		ug/kg	2.4	0.31	1
Ethylbenzene	ND		ug/kg	1.6	0.20	1
Chloromethane	ND		ug/kg	7.9	0.46	1
Bromomethane	ND		ug/kg	3.1	0.53	1
Vinyl chloride	32		ug/kg	3.1	0.18	1
Chloroethane	ND		ug/kg	3.1	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.41	1
trans-1,2-Dichloroethene	0.61	J	ug/kg	2.4	0.33	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	7.9	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	7.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	7.9	0.22	1

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-02 Date Collected: 07/09/15 10:20

Client ID: MW-5-11-13-7915 Date Received: 07/09/15

Sample Location: 140 CORTLAND AVE-SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.1	0.13	1
p/m-Xylene	ND		ug/kg	3.1	0.31	1
o-Xylene	ND		ug/kg	3.1	0.27	1
cis-1,2-Dichloroethene	1.7		ug/kg	1.6	0.22	1
Styrene	ND		ug/kg	3.1	0.63	1
Dichlorodifluoromethane	ND		ug/kg	16	0.30	1
Acetone	28		ug/kg	16	1.6	1
Carbon disulfide	ND		ug/kg	16	1.7	1
2-Butanone	4.7	J	ug/kg	16	0.43	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.38	1
2-Hexanone	ND		ug/kg	16	1.0	1
Bromochloromethane	ND		ug/kg	7.9	0.43	1
1,2-Dibromoethane	ND		ug/kg	6.3	0.27	1
n-Butylbenzene	ND		ug/kg	1.6	0.18	1
sec-Butylbenzene	ND		ug/kg	1.6	0.19	1
tert-Butylbenzene	ND		ug/kg	7.9	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.9	0.62	1
Isopropylbenzene	ND		ug/kg	1.6	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.20	1
Naphthalene	ND		ug/kg	7.9	0.22	1
n-Propylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.9	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.9	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.9	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.9	0.22	1
Methyl Acetate	ND		ug/kg	31	0.42	1
Cyclohexane	ND		ug/kg	31	0.23	1
1,4-Dioxane	ND		ug/kg	160	23.	1
Freon-113	ND		ug/kg	31	0.43	1
Methyl cyclohexane	ND		ug/kg	6.3	0.24	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	104		70-130

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-03 D
Client ID: MW-5-19-21-7915
Sample Location: 140 CORTLAND AVE-SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/10/15 10:14
Analyst: BN
Percent Solids: 73%

Date Collected: 07/09/15 10:40
Date Received: 07/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	6800	750	500
1,1-Dichloroethane	ND		ug/kg	1000	58.	500
Chloroform	ND		ug/kg	1000	250	500
Carbon tetrachloride	ND		ug/kg	680	140	500
1,2-Dichloropropane	ND		ug/kg	2400	160	500
Dibromochloromethane	ND		ug/kg	680	100	500
1,1,2-Trichloroethane	ND		ug/kg	1000	210	500
Tetrachloroethene	150000		ug/kg	680	96.	500
Chlorobenzene	ND		ug/kg	680	240	500
Trichlorofluoromethane	ND		ug/kg	3400	260	500
1,2-Dichloroethane	ND		ug/kg	680	77.	500
1,1,1-Trichloroethane	ND		ug/kg	680	75.	500
Bromodichloromethane	ND		ug/kg	680	120	500
trans-1,3-Dichloropropene	ND		ug/kg	680	82.	500
cis-1,3-Dichloropropene	ND		ug/kg	680	80.	500
Bromoform	ND		ug/kg	2700	160	500
1,1,2,2-Tetrachloroethane	ND		ug/kg	680	69.	500
Benzene	ND		ug/kg	680	80.	500
Toluene	ND		ug/kg	1000	130	500
Ethylbenzene	ND		ug/kg	680	87.	500
Chloromethane	ND		ug/kg	3400	200	500
Bromomethane	ND		ug/kg	1400	230	500
Vinyl chloride	170	J	ug/kg	1400	80.	500
Chloroethane	ND		ug/kg	1400	220	500
1,1-Dichloroethene	ND		ug/kg	680	180	500
trans-1,2-Dichloroethene	ND		ug/kg	1000	140	500
Trichloroethene	14000		ug/kg	680	85.	500
1,2-Dichlorobenzene	ND		ug/kg	3400	100	500
1,3-Dichlorobenzene	ND		ug/kg	3400	92.	500
1,4-Dichlorobenzene	ND		ug/kg	3400	94.	500

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-03 D Date Collected: 07/09/15 10:40

Client ID: MW-5-19-21-7915 Date Received: 07/09/15

Sample Location: 140 CORTLAND AVE-SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	1400	57.	500
p/m-Xylene	ND		ug/kg	1400	130	500
o-Xylene	ND		ug/kg	1400	120	500
cis-1,2-Dichloroethene	4200		ug/kg	680	97.	500
Styrene	ND		ug/kg	1400	270	500
Dichlorodifluoromethane	ND		ug/kg	6800	130	500
Acetone	ND		ug/kg	6800	700	500
Carbon disulfide	ND		ug/kg	6800	750	500
2-Butanone	ND		ug/kg	6800	180	500
4-Methyl-2-pentanone	ND		ug/kg	6800	170	500
2-Hexanone	ND		ug/kg	6800	450	500
Bromochloromethane	ND		ug/kg	3400	190	500
1,2-Dibromoethane	ND		ug/kg	2700	120	500
n-Butylbenzene	ND		ug/kg	680	78.	500
sec-Butylbenzene	ND		ug/kg	680	83.	500
tert-Butylbenzene	ND		ug/kg	3400	92.	500
1,2-Dibromo-3-chloropropane	ND		ug/kg	3400	270	500
Isopropylbenzene	ND		ug/kg	680	71.	500
p-Isopropyltoluene	ND		ug/kg	680	85.	500
Naphthalene	ND		ug/kg	3400	94.	500
n-Propylbenzene	ND		ug/kg	680	74.	500
1,2,3-Trichlorobenzene	ND		ug/kg	3400	100	500
1,2,4-Trichlorobenzene	ND		ug/kg	3400	120	500
1,3,5-Trimethylbenzene	ND		ug/kg	3400	98.	500
1,2,4-Trimethylbenzene	180	J	ug/kg	3400	96.	500
Methyl Acetate	ND		ug/kg	14000	180	500
Cyclohexane	ND		ug/kg	14000	99.	500
1,4-Dioxane	ND		ug/kg	68000	9800	500
Freon-113	ND		ug/kg	14000	190	500
Methyl cyclohexane	ND		ug/kg	2700	100	500

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	102		70-130

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID:	L1515786-04	Date Collected:	07/09/15 11:10
Client ID:	MW-5-29-31-7915	Date Received:	07/09/15
Sample Location:	140 CORTLAND AVE-SYRACUSE, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/10/15 10:41		
Analyst:	BN		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.47	1
Carbon tetrachloride	ND		ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	0.47	J	ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.4	0.49	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
Bromoform	ND		ug/kg	5.1	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.16	1
Chloromethane	ND		ug/kg	6.4	0.37	1
Bromomethane	ND		ug/kg	2.5	0.43	1
Vinyl chloride	ND		ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.4	0.18	1

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-04 Date Collected: 07/09/15 11:10

Client ID: MW-5-29-31-7915 Date Received: 07/09/15

Sample Location: 140 CORTLAND AVE-SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.11	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.22	1
cis-1,2-Dichloroethene	0.63	J	ug/kg	1.3	0.18	1
Styrene	ND		ug/kg	2.5	0.51	1
Dichlorodifluoromethane	ND		ug/kg	13	0.24	1
Acetone	ND		ug/kg	13	1.3	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
2-Hexanone	ND		ug/kg	13	0.85	1
Bromochloromethane	ND		ug/kg	6.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	5.1	0.22	1
n-Butylbenzene	ND		ug/kg	1.3	0.14	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.4	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	0.50	1
Isopropylbenzene	ND		ug/kg	1.3	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	ND		ug/kg	6.4	0.18	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.4	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	0.18	1
Methyl Acetate	ND		ug/kg	25	0.34	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	130	18.	1
Freon-113	ND		ug/kg	25	0.35	1
Methyl cyclohexane	ND		ug/kg	5.1	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	105		70-130

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID:	L1515786-05	Date Collected:	07/09/15 12:35
Client ID:	MW-5-35-37-7915	Date Received:	07/09/15
Sample Location:	140 CORTLAND AVE-SYRACUSE, NY	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/10/15 11:08		
Analyst:	BN		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.43	1
Carbon tetrachloride	ND		ug/kg	1.2	0.24	1
1,2-Dichloropropane	ND		ug/kg	4.1	0.27	1
Dibromochloromethane	ND		ug/kg	1.2	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.35	1
Tetrachloroethene	62		ug/kg	1.2	0.16	1
Chlorobenzene	ND		ug/kg	1.2	0.41	1
Trichlorofluoromethane	ND		ug/kg	5.8	0.45	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.13	1
Bromodichloromethane	ND		ug/kg	1.2	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.7	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.23	1
Ethylbenzene	ND		ug/kg	1.2	0.15	1
Chloromethane	ND		ug/kg	5.8	0.34	1
Bromomethane	ND		ug/kg	2.3	0.39	1
Vinyl chloride	2.7		ug/kg	2.3	0.14	1
Chloroethane	ND		ug/kg	2.3	0.37	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.25	1
Trichloroethene	22		ug/kg	1.2	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.8	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	5.8	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	5.8	0.16	1

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-05 Date Collected: 07/09/15 12:35

Client ID: MW-5-35-37-7915 Date Received: 07/09/15

Sample Location: 140 CORTLAND AVE-SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.3	0.10	1
p/m-Xylene	ND		ug/kg	2.3	0.23	1
o-Xylene	ND		ug/kg	2.3	0.20	1
cis-1,2-Dichloroethene	30		ug/kg	1.2	0.17	1
Styrene	ND		ug/kg	2.3	0.47	1
Dichlorodifluoromethane	ND		ug/kg	12	0.22	1
Acetone	ND		ug/kg	12	1.2	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.32	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.28	1
2-Hexanone	ND		ug/kg	12	0.78	1
Bromochloromethane	ND		ug/kg	5.8	0.32	1
1,2-Dibromoethane	ND		ug/kg	4.7	0.20	1
n-Butylbenzene	ND		ug/kg	1.2	0.13	1
sec-Butylbenzene	ND		ug/kg	1.2	0.14	1
tert-Butylbenzene	ND		ug/kg	5.8	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.8	0.46	1
Isopropylbenzene	ND		ug/kg	1.2	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.14	1
Naphthalene	ND		ug/kg	5.8	0.16	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.8	0.21	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.8	0.16	1
Methyl Acetate	ND		ug/kg	23	0.32	1
Cyclohexane	ND		ug/kg	23	0.17	1
1,4-Dioxane	ND		ug/kg	120	17.	1
Freon-113	ND		ug/kg	23	0.32	1
Methyl cyclohexane	ND		ug/kg	4.7	0.18	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	103		70-130

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-06
Client ID: MW-5-45-47-7915
Sample Location: 140 CORTLAND AVE-SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/10/15 11:35
Analyst: BN
Percent Solids: 80%

Date Collected: 07/09/15 14:45
Date Received: 07/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	1.2	J	ug/kg	1.9	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.38	1
Tetrachloroethene	6.3		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
Bromoform	ND		ug/kg	5.0	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.15	1
Toluene	ND		ug/kg	1.9	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.36	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	1.4	J	ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.26	1
Trichloroethene	2.9		ug/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-06 Date Collected: 07/09/15 14:45

Client ID: MW-5-45-47-7915 Date Received: 07/09/15

Sample Location: 140 CORTLAND AVE-SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	8.5		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.83	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.16	1
Naphthalene	ND		ug/kg	6.2	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
Methyl Acetate	ND		ug/kg	25	0.34	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	5.0	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	125		70-130
Dibromofluoromethane	104		70-130

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-07 D
Client ID: MW-5-17-19-7915
Sample Location: 140 CORTLAND AVE-SYRACUSE, NY
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/10/15 12:03
Analyst: BN
Percent Solids: 82%

Date Collected: 07/09/15 10:35
Date Received: 07/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	610	68.	50
1,1-Dichloroethane	ND		ug/kg	92	5.2	50
Chloroform	ND		ug/kg	92	23.	50
Carbon tetrachloride	ND		ug/kg	61	13.	50
1,2-Dichloropropane	ND		ug/kg	210	14.	50
Dibromochloromethane	ND		ug/kg	61	9.4	50
1,1,2-Trichloroethane	ND		ug/kg	92	19.	50
Tetrachloroethene	9100		ug/kg	61	8.6	50
Chlorobenzene	ND		ug/kg	61	21.	50
Trichlorofluoromethane	ND		ug/kg	310	24.	50
1,2-Dichloroethane	ND		ug/kg	61	7.0	50
1,1,1-Trichloroethane	ND		ug/kg	61	6.8	50
Bromodichloromethane	ND		ug/kg	61	11.	50
trans-1,3-Dichloropropene	ND		ug/kg	61	7.4	50
cis-1,3-Dichloropropene	ND		ug/kg	61	7.2	50
Bromoform	ND		ug/kg	240	14.	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	61	6.2	50
Benzene	13	J	ug/kg	61	7.2	50
Toluene	ND		ug/kg	92	12.	50
Ethylbenzene	ND		ug/kg	61	7.8	50
Chloromethane	19	J	ug/kg	310	18.	50
Bromomethane	ND		ug/kg	120	21.	50
Vinyl chloride	81	J	ug/kg	120	7.2	50
Chloroethane	ND		ug/kg	120	19.	50
1,1-Dichloroethene	ND		ug/kg	61	16.	50
trans-1,2-Dichloroethene	34	J	ug/kg	92	13.	50
Trichloroethene	2000		ug/kg	61	7.7	50
1,2-Dichlorobenzene	ND		ug/kg	310	9.4	50
1,3-Dichlorobenzene	ND		ug/kg	310	8.3	50
1,4-Dichlorobenzene	ND		ug/kg	310	8.5	50

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-07 D Date Collected: 07/09/15 10:35

Client ID: MW-5-17-19-7915 Date Received: 07/09/15

Sample Location: 140 CORTLAND AVE-SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	120	5.2	50
p/m-Xylene	ND		ug/kg	120	12.	50
o-Xylene	ND		ug/kg	120	10.	50
cis-1,2-Dichloroethene	3700		ug/kg	61	8.8	50
Styrene	ND		ug/kg	120	25.	50
Dichlorodifluoromethane	ND		ug/kg	610	12.	50
Acetone	ND		ug/kg	610	64.	50
Carbon disulfide	ND		ug/kg	610	68.	50
2-Butanone	ND		ug/kg	610	17.	50
4-Methyl-2-pentanone	ND		ug/kg	610	15.	50
2-Hexanone	ND		ug/kg	610	41.	50
Bromochloromethane	ND		ug/kg	310	17.	50
1,2-Dibromoethane	ND		ug/kg	240	11.	50
n-Butylbenzene	ND		ug/kg	61	7.0	50
sec-Butylbenzene	ND		ug/kg	61	7.5	50
tert-Butylbenzene	ND		ug/kg	310	8.3	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	310	24.	50
Isopropylbenzene	ND		ug/kg	61	6.4	50
p-Isopropyltoluene	ND		ug/kg	61	7.7	50
Naphthalene	ND		ug/kg	310	8.5	50
n-Propylbenzene	ND		ug/kg	61	6.7	50
1,2,3-Trichlorobenzene	ND		ug/kg	310	9.0	50
1,2,4-Trichlorobenzene	ND		ug/kg	310	11.	50
1,3,5-Trimethylbenzene	ND		ug/kg	310	8.8	50
1,2,4-Trimethylbenzene	ND		ug/kg	310	8.7	50
Methyl Acetate	ND		ug/kg	1200	16.	50
Cyclohexane	ND		ug/kg	1200	9.0	50
1,4-Dioxane	ND		ug/kg	6100	880	50
Freon-113	ND		ug/kg	1200	17.	50
Methyl cyclohexane	ND		ug/kg	240	9.5	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-08
Client ID: TRIP BLANK-002-7915
Sample Location: 140 CORTLAND AVE-SYRACUSE, NY
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/10/15 10:51
Analyst: PD

Date Collected: 07/09/15 00:00
Date Received: 07/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-08 Date Collected: 07/09/15 00:00

Client ID: TRIP BLANK-002-7915 Date Received: 07/09/15

Sample Location: 140 CORTLAND AVE-SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	104		70-130

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/15 08:53
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG801582-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/15 08:53
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG801582-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/15 08:53
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG801582-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/15 08:53
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-07 Batch: WG801582-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	105		70-130

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/15 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG801611-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/15 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG801611-3					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylene (Total)	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene (total)	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/15 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG801611-3					
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/10/15 10:21
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 08 Batch: WG801611-3					
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG801582-1 WG801582-2								
Methylene chloride	99		99		70-130	0		30
1,1-Dichloroethane	104		104		70-130	0		30
Chloroform	104		105		70-130	1		30
Carbon tetrachloride	106		109		70-130	3		30
1,2-Dichloropropane	104		104		70-130	0		30
Dibromochloromethane	89		89		70-130	0		30
2-Chloroethylvinyl ether	120		114		70-130	5		30
1,1,2-Trichloroethane	93		91		70-130	2		30
Tetrachloroethene	99		100		70-130	1		30
Chlorobenzene	95		96		70-130	1		30
Trichlorofluoromethane	108		110		70-139	2		30
1,2-Dichloroethane	99		97		70-130	2		30
1,1,1-Trichloroethane	105		107		70-130	2		30
Bromodichloromethane	99		99		70-130	0		30
trans-1,3-Dichloropropene	89		87		70-130	2		30
cis-1,3-Dichloropropene	101		101		70-130	0		30
1,1-Dichloropropene	109		110		70-130	1		30
Bromoform	86		87		70-130	1		30
1,1,2,2-Tetrachloroethane	89		86		70-130	3		30
Benzene	102		104		70-130	2		30
Toluene	92		94		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG801582-1 WG801582-2								
Ethylbenzene	94		96		70-130	2		30
Chloromethane	88		85		52-130	3		30
Bromomethane	113		113		57-147	0		30
Vinyl chloride	94		95		67-130	1		30
Chloroethane	104		103		50-151	1		30
1,1-Dichloroethene	102		103		65-135	1		30
trans-1,2-Dichloroethene	105		105		70-130	0		30
Trichloroethene	106		108		70-130	2		30
1,2-Dichlorobenzene	92		92		70-130	0		30
1,3-Dichlorobenzene	93		92		70-130	1		30
1,4-Dichlorobenzene	92		93		70-130	1		30
Methyl tert butyl ether	100		97		66-130	3		30
p/m-Xylene	97		97		70-130	0		30
o-Xylene	95		96		70-130	1		30
cis-1,2-Dichloroethene	105		106		70-130	1		30
Dibromomethane	103		102		70-130	1		30
Styrene	94		96		70-130	2		30
Dichlorodifluoromethane	100		103		30-146	3		30
Acetone	94		89		54-140	5		30
Carbon disulfide	93		95		59-130	2		30
2-Butanone	98		92		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG801582-1 WG801582-2								
Vinyl acetate	97		94		70-130	3		30
4-Methyl-2-pentanone	101		97		70-130	4		30
1,2,3-Trichloropropane	88		86		68-130	2		30
2-Hexanone	76		74		70-130	3		30
Bromochloromethane	109		107		70-130	2		30
2,2-Dichloropropane	101		101		70-130	0		30
1,2-Dibromoethane	92		92		70-130	0		30
1,3-Dichloropropane	93		91		69-130	2		30
1,1,1,2-Tetrachloroethane	92		93		70-130	1		30
Bromobenzene	92		91		70-130	1		30
n-Butylbenzene	96		95		70-130	1		30
sec-Butylbenzene	94		95		70-130	1		30
tert-Butylbenzene	93		94		70-130	1		30
o-Chlorotoluene	90		90		70-130	0		30
p-Chlorotoluene	92		90		70-130	2		30
1,2-Dibromo-3-chloropropane	87		84		68-130	4		30
Hexachlorobutadiene	96		95		67-130	1		30
Isopropylbenzene	96		98		70-130	2		30
p-Isopropyltoluene	94		94		70-130	0		30
Naphthalene	86		84		70-130	2		30
Acrylonitrile	101		98		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40
Lab Number: L1515786
Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG801582-1 WG801582-2								
Diisopropyl Ether	99		97		66-130	2		30
Tert-Butyl Alcohol	96		92		70-130	4		30
n-Propylbenzene	93		93		70-130	0		30
1,2,3-Trichlorobenzene	92		89		70-130	3		30
1,2,4-Trichlorobenzene	95		93		70-130	2		30
1,3,5-Trimethylbenzene	93		93		70-130	0		30
1,2,4-Trimethylbenzene	91		91		70-130	0		30
Methyl Acetate	94		90		51-146	4		30
Ethyl Acetate	82		83		70-130	1		30
Acrolein	97		80		70-130	19		30
Cyclohexane	112		114		59-142	2		30
1,4-Dioxane	102		100		65-136	2		30
Freon-113	100		102		50-139	2		30
p-Diethylbenzene	110		110		70-130	0		30
p-Ethyltoluene	109		109		70-130	0		30
1,2,4,5-Tetramethylbenzene	108		107		70-130	1		30
Tetrahydrofuran	88		83		66-130	6		30
Ethyl ether	93		92		67-130	1		30
trans-1,4-Dichloro-2-butene	81		78		70-130	4		30
Methyl cyclohexane	116		117		70-130	1		30
Ethyl-Tert-Butyl-Ether	101		99		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-07 Batch: WG801582-1 WG801582-2								
Tertiary-Amyl Methyl Ether	100		98		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	91		91		70-130
Toluene-d8	93		93		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	102		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG801611-1 WG801611-2								
Methylene chloride	102		102		70-130	0		20
1,1-Dichloroethane	100		99		70-130	1		20
Chloroform	106		106		70-130	0		20
2-Chloroethylvinyl ether	**63**	Q	**63**	Q	70-130	0		20
Carbon tetrachloride	117		117		63-132	0		20
1,2-Dichloropropane	94		94		70-130	0		20
Dibromochloromethane	108		108		63-130	0		20
1,1,2-Trichloroethane	102		107		70-130	5		20
Tetrachloroethene	108		106		70-130	2		20
Chlorobenzene	107		105		75-130	2		20
Trichlorofluoromethane	133		131		62-150	2		20
1,2-Dichloroethane	98		100		70-130	2		20
1,1,1-Trichloroethane	107		106		67-130	1		20
Bromodichloromethane	104		102		67-130	2		20
trans-1,3-Dichloropropene	104		104		70-130	0		20
cis-1,3-Dichloropropene	101		101		70-130	0		20
1,1-Dichloropropene	102		99		70-130	3		20
Bromoform	101		106		54-136	5		20
1,1,2,2-Tetrachloroethane	99		105		67-130	6		20
Benzene	102		101		70-130	1		20
Toluene	111		108		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG801611-1 WG801611-2								
Ethylbenzene	110		107		70-130	3		20
Chloromethane	71		70		64-130	1		20
Bromomethane	104		106		39-139	2		20
Vinyl chloride	98		95		55-140	3		20
Chloroethane	124		118		55-138	5		20
1,1-Dichloroethene	104		104		61-145	0		20
trans-1,2-Dichloroethene	103		101		70-130	2		20
Trichloroethene	106		104		70-130	2		20
1,2-Dichlorobenzene	103		102		70-130	1		20
1,3-Dichlorobenzene	104		102		70-130	2		20
1,4-Dichlorobenzene	103		102		70-130	1		20
Methyl tert butyl ether	91		96		63-130	5		20
p/m-Xylene	111		108		70-130	3		20
o-Xylene	110		107		70-130	3		20
cis-1,2-Dichloroethene	100		99		70-130	1		20
Dibromomethane	100		104		70-130	4		20
1,2,3-Trichloropropane	103		110		64-130	7		20
Acrylonitrile	73		77		70-130	5		20
Diisopropyl Ether	75		75		70-130	0		20
Tert-Butyl Alcohol	91		105		70-130	14		20
Styrene	111		109		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG801611-1 WG801611-2								
Dichlorodifluoromethane	122		115		36-147	6		20
Acetone	95		100		58-148	5		20
Carbon disulfide	99		96		51-130	3		20
2-Butanone	79		86		63-138	8		20
Vinyl acetate	72		76		70-130	5		20
4-Methyl-2-pentanone	68		77		59-130	12		20
2-Hexanone	69		75		57-130	8		20
Acrolein	64		70		40-160	9		20
Bromochloromethane	104		106		70-130	2		20
2,2-Dichloropropane	116		114		63-133	2		20
1,2-Dibromoethane	100		103		70-130	3		20
1,3-Dichloropropane	104		107		70-130	3		20
1,1,1,2-Tetrachloroethane	110		110		64-130	0		20
Bromobenzene	102		104		70-130	2		20
n-Butylbenzene	112		111		53-136	1		20
sec-Butylbenzene	111		109		70-130	2		20
tert-Butylbenzene	106		106		70-130	0		20
o-Chlorotoluene	107		110		70-130	3		20
p-Chlorotoluene	110		109		70-130	1		20
1,2-Dibromo-3-chloropropane	99		102		41-144	3		20
Hexachlorobutadiene	110		113		63-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG801611-1 WG801611-2								
Isopropylbenzene	107		107		70-130	0		20
p-Isopropyltoluene	110		109		70-130	1		20
Naphthalene	81		87		70-130	7		20
n-Propylbenzene	111		109		69-130	2		20
1,2,3-Trichlorobenzene	93		97		70-130	4		20
1,2,4-Trichlorobenzene	95		98		70-130	3		20
1,3,5-Trimethylbenzene	111		110		64-130	1		20
1,2,4-Trimethylbenzene	111		109		70-130	2		20
Methyl Acetate	**69**	Q	75		70-130	8		20
Ethyl Acetate	**66**	Q	**69**	Q	70-130	4		20
Cyclohexane	85		84		70-130	1		20
Ethyl-Tert-Butyl-Ether	84		86		70-130	2		20
Tertiary-Amyl Methyl Ether	92		94		66-130	2		20
1,4-Dioxane	130		132		56-162	2		20
Freon-113	109		108		70-130	1		20
p-Diethylbenzene	108		106		70-130	2		20
p-Ethyltoluene	109		108		70-130	1		20
1,2,4,5-Tetramethylbenzene	102		102		70-130	0		20
Ethyl ether	96		100		59-134	4		20
trans-1,4-Dichloro-2-butene	**69**	Q	73		70-130	6		20
Methyl cyclohexane	105		103		70-130	2		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 08 Batch: WG801611-1 WG801611-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		105		70-130
Toluene-d8	109		109		70-130
4-Bromofluorobenzene	106		108		70-130
Dibromofluoromethane	102		104		70-130

SEMIVOLATILES

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID:	L1515786-01	Date Collected:	07/09/15 10:05
Client ID:	MW-5-5-7-7915	Date Received:	07/09/15
Sample Location:	140 CORTLAND AVE-SYRACUSE, NY	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	07/10/15 01:38
Analytical Date:	07/10/15 10:46		
Analyst:	JB		
Percent Solids:	66%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	56	J	ug/kg	200	51.	1
1,2,4-Trichlorobenzene	ND		ug/kg	250	81.	1
Hexachlorobenzene	ND		ug/kg	150	46.	1
Bis(2-chloroethyl)ether	ND		ug/kg	220	69.	1
2-Chloronaphthalene	ND		ug/kg	250	80.	1
1,2-Dichlorobenzene	ND		ug/kg	250	81.	1
1,3-Dichlorobenzene	ND		ug/kg	250	78.	1
1,4-Dichlorobenzene	ND		ug/kg	250	75.	1
3,3'-Dichlorobenzidine	ND		ug/kg	250	66.	1
2,4-Dinitrotoluene	ND		ug/kg	250	53.	1
2,6-Dinitrotoluene	ND		ug/kg	250	63.	1
Fluoranthene	970		ug/kg	150	45.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	250	75.	1
4-Bromophenyl phenyl ether	ND		ug/kg	250	57.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	300	87.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	270	75.	1
Hexachlorobutadiene	ND		ug/kg	250	70.	1
Hexachlorocyclopentadiene	ND		ug/kg	700	160	1
Hexachloroethane	ND		ug/kg	200	45.	1
Isophorone	ND		ug/kg	220	66.	1
Naphthalene	190	J	ug/kg	250	82.	1
Nitrobenzene	ND		ug/kg	220	59.	1
NDPA/DPA	ND		ug/kg	200	52.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	250	74.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	250	65.	1
Butyl benzyl phthalate	ND		ug/kg	250	48.	1
Di-n-butylphthalate	ND		ug/kg	250	48.	1
Di-n-octylphthalate	ND		ug/kg	250	61.	1
Diethyl phthalate	ND		ug/kg	250	52.	1
Dimethyl phthalate	ND		ug/kg	250	63.	1

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-01 Date Collected: 07/09/15 10:05

Client ID: MW-5-5-7-7915 Date Received: 07/09/15

Sample Location: 140 CORTLAND AVE-SYRACUSE, NY Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	460		ug/kg	150	48.	1
Benzo(a)pyrene	460		ug/kg	200	60.	1
Benzo(b)fluoranthene	520		ug/kg	150	50.	1
Benzo(k)fluoranthene	210		ug/kg	150	47.	1
Chrysene	440		ug/kg	150	48.	1
Acenaphthylene	ND		ug/kg	200	46.	1
Anthracene	150		ug/kg	150	41.	1
Benzo(ghi)perylene	280		ug/kg	200	51.	1
Fluorene	91	J	ug/kg	250	71.	1
Phenanthrene	460		ug/kg	150	48.	1
Dibenzo(a,h)anthracene	71	J	ug/kg	150	48.	1
Indeno(1,2,3-cd)pyrene	320		ug/kg	200	55.	1
Pyrene	850		ug/kg	150	48.	1
Biphenyl	ND		ug/kg	560	81.	1
4-Chloroaniline	ND		ug/kg	250	65.	1
2-Nitroaniline	ND		ug/kg	250	70.	1
3-Nitroaniline	ND		ug/kg	250	68.	1
4-Nitroaniline	ND		ug/kg	250	67.	1
Dibenzofuran	ND		ug/kg	250	82.	1
2-Methylnaphthalene	ND		ug/kg	300	79.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	250	76.	1
Acetophenone	ND		ug/kg	250	76.	1
Benzyl Alcohol	ND		ug/kg	250	76.	1
Carbazole	64	J	ug/kg	250	53.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	91		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	105		18-120

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/10/15 08:34
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/10/15 01:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG801415-1					
Acenaphthene	ND		ug/kg	130	33.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	41.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	170	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	29.
Isophorone	ND		ug/kg	140	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	140	38.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.

Project Name: COYNE TEXTILE SERVICES MW INST **Lab Number:** L1515786

Project Number: 21.0056730.40 **Report Date:** 07/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/10/15 08:34
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/10/15 01:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG801415-1					
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	31.
Biphenyl	ND		ug/kg	370	53.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	140	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	50.

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40
Lab Number: L1515786
Report Date: 07/10/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/10/15 08:34
Analyst: JB

Extraction Method: EPA 3546
Extraction Date: 07/10/15 01:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG801415-1					
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	98		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG801415-2 WG801415-3								
Acenaphthene	82		76		31-137	8		50
1,2,4-Trichlorobenzene	79		75		38-107	5		50
Hexachlorobenzene	84		77		40-140	9		50
Bis(2-chloroethyl)ether	80		76		40-140	5		50
2-Chloronaphthalene	82		76		40-140	8		50
1,2-Dichlorobenzene	75		70		40-140	7		50
1,3-Dichlorobenzene	74		71		40-140	4		50
1,4-Dichlorobenzene	75		71		28-104	5		50
3,3'-Dichlorobenzidine	76		74		40-140	3		50
2,4-Dinitrotoluene	**90**	Q	83		28-89	8		50
2,6-Dinitrotoluene	87		81		40-140	7		50
Fluoranthene	87		80		40-140	8		50
4-Chlorophenyl phenyl ether	86		77		40-140	11		50
4-Bromophenyl phenyl ether	85		76		40-140	11		50
Bis(2-chloroisopropyl)ether	85		80		40-140	6		50
Bis(2-chloroethoxy)methane	83		76		40-117	9		50
Hexachlorobutadiene	77		74		40-140	4		50
Hexachlorocyclopentadiene	65		62		40-140	5		50
Hexachloroethane	74		71		40-140	4		50
Isophorone	82		77		40-140	6		50
Naphthalene	77		73		40-140	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG801415-2 WG801415-3								
Nitrobenzene	81		78		40-140	4		50
NitrosoDiPhenylAmine(NDPA)/DPA	87		79		36-157	10		50
n-Nitrosodi-n-propylamine	83		79		32-121	5		50
Bis(2-Ethylhexyl)phthalate	84		78		40-140	7		50
Butyl benzyl phthalate	87		81		40-140	7		50
Di-n-butylphthalate	84		80		40-140	5		50
Di-n-octylphthalate	85		80		40-140	6		50
Diethyl phthalate	86		78		40-140	10		50
Dimethyl phthalate	86		80		40-140	7		50
Benzo(a)anthracene	85		80		40-140	6		50
Benzo(a)pyrene	89		81		40-140	9		50
Benzo(b)fluoranthene	85		80		40-140	6		50
Benzo(k)fluoranthene	88		81		40-140	8		50
Chrysene	81		76		40-140	6		50
Acenaphthylene	83		77		40-140	8		50
Anthracene	84		78		40-140	7		50
Benzo(ghi)perylene	88		81		40-140	8		50
Fluorene	87		78		40-140	11		50
Phenanthrene	82		76		40-140	8		50
Dibenzo(a,h)anthracene	88		79		40-140	11		50
Indeno(1,2,3-cd)Pyrene	88		82		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG801415-2 WG801415-3								
Pyrene	86		79		35-142	8		50
Biphenyl	84		78		54-104	7		50
4-Chloroaniline	100		89		40-140	12		50
2-Nitroaniline	89		82		47-134	8		50
3-Nitroaniline	76		69		26-129	10		50
4-Nitroaniline	89		80		41-125	11		50
Dibenzofuran	84		77		40-140	9		50
2-Methylnaphthalene	82		77		40-140	6		50
1,2,4,5-Tetrachlorobenzene	82		77		40-117	6		50
Acetophenone	87		81		14-144	7		50
2,4,6-Trichlorophenol	86		80		30-130	7		50
P-Chloro-M-Cresol	88		80		26-103	10		50
2-Chlorophenol	82		78		25-102	5		50
2,4-Dichlorophenol	89		82		30-130	8		50
2,4-Dimethylphenol	85		79		30-130	7		50
2-Nitrophenol	82		79		30-130	4		50
4-Nitrophenol	90		83		11-114	8		50
2,4-Dinitrophenol	18		22		4-130	20		50
4,6-Dinitro-o-cresol	54		51		10-130	6		50
Pentachlorophenol	73		68		17-109	7		50
Phenol	85		80		26-90	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST

Project Number: 21.0056730.40

Lab Number: L1515786

Report Date: 07/10/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG801415-2 WG801415-3								
2-Methylphenol	85		79		30-130.	7		50
3-Methylphenol/4-Methylphenol	90		80		30-130	12		50
2,4,5-Trichlorophenol	91		84		30-130	8		50
Benzoic Acid	**0**	Q	**0**	Q	10-66	NC		50
Benzyl Alcohol	82		84		40-140	2		50
Carbazole	84		79		54-128	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	84		79		25-120
Phenol-d6	86		80		10-120
Nitrobenzene-d5	85		78		23-120
2-Fluorobiphenyl	83		77		30-120
2,4,6-Tribromophenol	90		84		10-136
4-Terphenyl-d14	85		77		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40

Lab Number: L1515786
Report Date: 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-01
Client ID: MW-5-5-7-7915
Sample Location: 140 CORTLAND AVE-SYRACUSE, NY
Matrix: Soil

Date Collected: 07/09/15 10:05
Date Received: 07/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	66.0		%	0.100	NA	1	-	07/10/15 02:12	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40

Lab Number: L1515786
Report Date: 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-02
Client ID: MW-5-11-13-7915
Sample Location: 140 CORTLAND AVE-SYRACUSE, NY
Matrix: Soil

Date Collected: 07/09/15 10:20
Date Received: 07/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.5		%	0.100	NA	1	-	07/10/15 02:12	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40

Lab Number: L1515786
Report Date: 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-03
Client ID: MW-5-19-21-7915
Sample Location: 140 CORTLAND AVE-SYRACUSE, NY
Matrix: Soil

Date Collected: 07/09/15 10:40
Date Received: 07/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.4		%	0.100	NA	1	-	07/10/15 02:12	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40

Lab Number: L1515786
Report Date: 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-04
Client ID: MW-5-29-31-7915
Sample Location: 140 CORTLAND AVE-SYRACUSE, NY
Matrix: Soil

Date Collected: 07/09/15 11:10
Date Received: 07/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.7		%	0.100	NA	1	-	07/10/15 02:12	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40

Lab Number: L1515786
Report Date: 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-05
Client ID: MW-5-35-37-7915
Sample Location: 140 CORTLAND AVE-SYRACUSE, NY
Matrix: Soil

Date Collected: 07/09/15 12:35
Date Received: 07/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.7		%	0.100	NA	1	-	07/10/15 02:12	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40

Lab Number: L1515786
Report Date: 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-06
Client ID: MW-5-45-47-7915
Sample Location: 140 CORTLAND AVE-SYRACUSE, NY
Matrix: Soil

Date Collected: 07/09/15 14:45
Date Received: 07/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	07/10/15 02:12	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40

Lab Number: L1515786
Report Date: 07/10/15

SAMPLE RESULTS

Lab ID: L1515786-07
Client ID: MW-5-17-19-7915
Sample Location: 140 CORTLAND AVE-SYRACUSE, NY
Matrix: Soil

Date Collected: 07/09/15 10:35
Date Received: 07/09/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	07/10/15 02:12	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40

Lab Number: L1515786
Report Date: 07/10/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG801414-1 QC Sample: L1515698-01 Client ID: DUP Sample						
Solids, Total	89.4	89.3	%	0		20

Project Name: COYNE TEXTILE SERVICES MW INST
Project Number: 21.0056730.40

Lab Number: L1515786
Report Date: 07/10/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information	Custody Seal
Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1515786-01A	Glass 60mL/2oz unpreserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1515786-01B	Glass 120ml/4oz unpreserved	A	N/A	3.1	Y	Absent	NYTCL-8270(14),TS(7)
L1515786-02A	Glass 60mL/2oz unpreserved	A	N/A	3.1	Y	Absent	TS(7),NYTCL-8260(14)
L1515786-03A	Glass 60mL/2oz unpreserved	A	N/A	3.1	Y	Absent	TS(7),NYTCL-8260(14)
L1515786-04A	Glass 60mL/2oz unpreserved	A	N/A	3.1	Y	Absent	TS(7),NYTCL-8260(14)
L1515786-05A	Glass 60mL/2oz unpreserved	A	N/A	3.1	Y	Absent	TS(7),NYTCL-8260(14)
L1515786-06A	Glass 60mL/2oz unpreserved	A	N/A	3.1	Y	Absent	TS(7),NYTCL-8260(14)
L1515786-07A	Glass 60mL/2oz unpreserved	A	N/A	3.1	Y	Absent	TS(7),NYTCL-8260(14)
L1515786-08A	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1515786-08B	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)
L1515786-08C	Vial HCl preserved	A	N/A	3.1	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES MW INST	**Lab Number:**	L1515786
Project Number:	21.0056730.40	**Report Date:**	07/10/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES MW INST	**Lab Number:**	L1515786
Project Number:	21.0056730.40	**Report Date:**	07/10/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES MW INST	**Lab Number:**	L1515786
Project Number:	21.0056730.40	**Report Date:**	07/10/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/10/15

ALPHA Job #: L1515786

Project Information
Project Name: Coyne Textile Services MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/10/15
Rush (only if pre approved) ☒ # of Days: 1

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor
Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3629
Email: thomas.bohlen@gza.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8260	8270							Sample Specific Comments	Total # of Bottles
15 [illegible] -01	MW-5-5-7-7915	07/09/15	1005	Soil	PCF/TGB	X	X								
-02	MW-5-11-13-7915	↓	1020	↓	↓	X									
-03	MW-5-19-21-7915		1040			X									
-04	MW-5-29-31-7915		1110			X									
-05	MW-5-35-37-7915		1235			X									
-06	MW-5-45-47-7915		1445			X									
-07	MW-5-17-19-7915	✓	1035	↓	↓	X									
-08	Trip Blank-002-7915			Aqueous		X									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A/V	A
Preservative	A/B	A

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	07/07/15 1630	[illegible] AAL	7/9/15 1030
[illegible]	7/9/15 2230	[illegible]	7/9/15 2230
[illegible]	7/10/15 0055	[illegible]	7/10/15 0055

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1516038
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TECTILE SERVICES-MW INST
Project Number:	21.0056730.40
Report Date:	07/14/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516038
Report Date: 07/14/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516038-01	MW-6-5-7_071315	SOIL	140 CORTLAND AVE., SYRACUSE, NY 13202	07/13/15 09:35	07/13/15
L1516038-02	MW-6-13-15_071315	SOIL	140 CORTLAND AVE., SYRACUSE, NY 13202	07/13/15 10:00	07/13/15
L1516038-03	MW-6-17-19_071315	SOIL	140 CORTLAND AVE., SYRACUSE, NY 13202	07/13/15 10:10	07/13/15
L1516038-04	MW-6-23-25_071315	SOIL	140 CORTLAND AVE., SYRACUSE, NY 13202	07/13/15 11:00	07/13/15
L1516038-05	MW-6-31-33_071315	SOIL	140 CORTLAND AVE., SYRACUSE, NY 13202	07/13/15 11:25	07/13/15
L1516038-06	MW-6-35-37_071315	SOIL	140 CORTLAND AVE., SYRACUSE, NY 13202	07/13/15 11:50	07/13/15
L1516038-07	MW-6-49-51_071315	SOIL	140 CORTLAND AVE., SYRACUSE, NY 13202	07/13/15 13:50	07/13/15
L1516038-08	MW-6-53-55_071315	SOIL	140 CORTLAND AVE., SYRACUSE, NY 13202	07/13/15 14:10	07/13/15
L1516038-09	TRIP BLANK-003-071315	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/13/15 00:00	07/13/15

Project Name:	COYNE TECTILE SERVICES-MW INST	**Lab Number:**	L1516038
Project Number:	21.0056730.40	**Report Date:**	07/14/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TECTILE SERVICES-MW INST	**Lab Number:**	L1516038
Project Number:	21.0056730.40	**Report Date:**	07/14/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1516038-07: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (27%) and the surrogate recovery for 4-bromofluorobenzene (161%) were outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (37%) and 4-bromofluorobenzene (144%). The results of both analyses are reported; however, since the IS response was below method criteria, all associated compounds and surrogate recoveries are considered to have a potentially high bias.

L1516038-08: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (35%) and the surrogate recovery for 4-bromofluorobenzene (149%) were outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (34%) and 4-bromofluorobenzene (149%). The results of both analyses are reported; however, since the IS response was below method criteria, all associated compounds and surrogate recoveries are considered to have a potentially high bias.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative

Date: 07/14/15

ORGANICS

VOLATILES

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID:	L1516038-01	Date Collected:	07/13/15 09:35
Client ID:	MW-6-5-7_071315	Date Received:	07/13/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/14/15 09:57		
Analyst:	BN		
Percent Solids:	73%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	14	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.1	0.12	1
Chloroform	ND		ug/kg	2.1	0.51	1
Carbon tetrachloride	ND		ug/kg	1.4	0.29	1
1,2-Dichloropropane	ND		ug/kg	4.8	0.31	1
Dibromochloromethane	ND		ug/kg	1.4	0.21	1
1,1,2-Trichloroethane	ND		ug/kg	2.1	0.42	1
Tetrachloroethene	19		ug/kg	1.4	0.19	1
Chlorobenzene	ND		ug/kg	1.4	0.48	1
Trichlorofluoromethane	ND		ug/kg	6.9	0.53	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.16	1
1,1,1-Trichloroethane	ND		ug/kg	1.4	0.15	1
Bromodichloromethane	ND		ug/kg	1.4	0.24	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.17	1
cis-1,3-Dichloropropene	ND		ug/kg	1.4	0.16	1
Bromoform	ND		ug/kg	5.5	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.4	0.14	1
Benzene	ND		ug/kg	1.4	0.16	1
Toluene	ND		ug/kg	2.1	0.27	1
Ethylbenzene	ND		ug/kg	1.4	0.18	1
Chloromethane	ND		ug/kg	6.9	0.40	1
Bromomethane	ND		ug/kg	2.8	0.46	1
Vinyl chloride	ND		ug/kg	2.8	0.16	1
Chloroethane	ND		ug/kg	2.8	0.44	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.36	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.29	1
Trichloroethene	0.98	J	ug/kg	1.4	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.9	0.21	1
1,3-Dichlorobenzene	ND		ug/kg	6.9	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.9	0.19	1

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-01 Date Collected: 07/13/15 09:35

Client ID: MW-6-5-7_071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.8	0.12	1
p/m-Xylene	ND		ug/kg	2.8	0.27	1
o-Xylene	ND		ug/kg	2.8	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.20	1
Styrene	ND		ug/kg	2.8	0.55	1
Dichlorodifluoromethane	ND		ug/kg	14	0.26	1
Acetone	ND		ug/kg	14	1.4	1
Carbon disulfide	ND		ug/kg	14	1.5	1
2-Butanone	ND		ug/kg	14	0.37	1
4-Methyl-2-pentanone	ND		ug/kg	14	0.34	1
2-Hexanone	ND		ug/kg	14	0.92	1
Bromochloromethane	ND		ug/kg	6.9	0.38	1
1,2-Dibromoethane	ND		ug/kg	5.5	0.24	1
n-Butylbenzene	ND		ug/kg	1.4	0.16	1
sec-Butylbenzene	ND		ug/kg	1.4	0.17	1
tert-Butylbenzene	ND		ug/kg	6.9	0.19	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.9	0.54	1
Isopropylbenzene	ND		ug/kg	1.4	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.4	0.17	1
Naphthalene	ND		ug/kg	6.9	0.19	1
n-Propylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.9	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.9	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.9	0.19	1
Methyl Acetate	ND		ug/kg	28	0.37	1
Cyclohexane	ND		ug/kg	28	0.20	1
1,4-Dioxane	ND		ug/kg	140	20.	1
Freon-113	ND		ug/kg	28	0.38	1
Methyl cyclohexane	ND		ug/kg	5.5	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	86		70-130
Dibromofluoromethane	107		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID:	L1516038-02	Date Collected:	07/13/15 10:00
Client ID:	MW-6-13-15_071315	Date Received:	07/13/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/14/15 10:24		
Analyst:	BN		
Percent Solids:	63%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	16	1.7	1
1,1-Dichloroethane	ND		ug/kg	2.4	0.14	1
Chloroform	ND		ug/kg	2.4	0.58	1
Carbon tetrachloride	ND		ug/kg	1.6	0.33	1
1,2-Dichloropropane	ND		ug/kg	5.5	0.36	1
Dibromochloromethane	ND		ug/kg	1.6	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	2.4	0.48	1
Tetrachloroethene	ND		ug/kg	1.6	0.22	1
Chlorobenzene	ND		ug/kg	1.6	0.55	1
Trichlorofluoromethane	ND		ug/kg	7.9	0.61	1
1,2-Dichloroethane	ND		ug/kg	1.6	0.18	1
1,1,1-Trichloroethane	ND		ug/kg	1.6	0.18	1
Bromodichloromethane	ND		ug/kg	1.6	0.27	1
trans-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
cis-1,3-Dichloropropene	ND		ug/kg	1.6	0.19	1
Bromoform	ND		ug/kg	6.3	0.37	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.6	0.16	1
Benzene	ND		ug/kg	1.6	0.19	1
Toluene	ND		ug/kg	2.4	0.31	1
Ethylbenzene	ND		ug/kg	1.6	0.20	1
Chloromethane	ND		ug/kg	7.9	0.46	1
Bromomethane	ND		ug/kg	3.2	0.53	1
Vinyl chloride	59		ug/kg	3.2	0.18	1
Chloroethane	ND		ug/kg	3.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.6	0.41	1
trans-1,2-Dichloroethene	23		ug/kg	2.4	0.34	1
Trichloroethene	ND		ug/kg	1.6	0.20	1
1,2-Dichlorobenzene	ND		ug/kg	7.9	0.24	1
1,3-Dichlorobenzene	ND		ug/kg	7.9	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	7.9	0.22	1

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-02 Date Collected: 07/13/15 10:00

Client ID: MW-6-13-15_071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	3.2	0.13	1
p/m-Xylene	ND		ug/kg	3.2	0.31	1
o-Xylene	ND		ug/kg	3.2	0.27	1
cis-1,2-Dichloroethene	82		ug/kg	1.6	0.22	1
Styrene	ND		ug/kg	3.2	0.64	1
Dichlorodifluoromethane	ND		ug/kg	16	0.30	1
Acetone	38		ug/kg	16	1.6	1
Carbon disulfide	ND		ug/kg	16	1.7	1
2-Butanone	5.9	J	ug/kg	16	0.43	1
4-Methyl-2-pentanone	ND		ug/kg	16	0.39	1
2-Hexanone	ND		ug/kg	16	1.0	1
Bromochloromethane	ND		ug/kg	7.9	0.44	1
1,2-Dibromoethane	ND		ug/kg	6.3	0.28	1
n-Butylbenzene	ND		ug/kg	1.6	0.18	1
sec-Butylbenzene	ND		ug/kg	1.6	0.19	1
tert-Butylbenzene	ND		ug/kg	7.9	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.9	0.63	1
Isopropylbenzene	ND		ug/kg	1.6	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.6	0.20	1
Naphthalene	ND		ug/kg	7.9	0.22	1
n-Propylbenzene	ND		ug/kg	1.6	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.9	0.23	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.9	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.9	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	7.9	0.22	1
Methyl Acetate	ND		ug/kg	32	0.43	1
Cyclohexane	ND		ug/kg	32	0.23	1
1,4-Dioxane	ND		ug/kg	160	23.	1
Freon-113	ND		ug/kg	32	0.43	1
Methyl cyclohexane	ND		ug/kg	6.3	0.24	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	87		70-130
Dibromofluoromethane	109		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-03 D
Client ID: MW-6-17-19_071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/14/15 13:06
Analyst: BN
Percent Solids: 89%

Date Collected: 07/13/15 10:10
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	56	6.2	5
1,1-Dichloroethane	ND		ug/kg	8.4	0.48	5
Chloroform	ND		ug/kg	8.4	2.1	5
Carbon tetrachloride	ND		ug/kg	5.6	1.2	5
1,2-Dichloropropane	ND		ug/kg	20	1.3	5
Dibromochloromethane	ND		ug/kg	5.6	0.86	5
1,1,2-Trichloroethane	ND		ug/kg	8.4	1.7	5
Tetrachloroethene	83		ug/kg	5.6	0.78	5
Chlorobenzene	ND		ug/kg	5.6	2.0	5
Trichlorofluoromethane	ND		ug/kg	28	2.2	5
1,2-Dichloroethane	ND		ug/kg	5.6	0.64	5
1,1,1-Trichloroethane	ND		ug/kg	5.6	0.62	5
Bromodichloromethane	ND		ug/kg	5.6	0.97	5
trans-1,3-Dichloropropene	ND		ug/kg	5.6	0.68	5
cis-1,3-Dichloropropene	ND		ug/kg	5.6	0.66	5
Bromoform	ND		ug/kg	22	1.3	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	5.6	0.56	5
Benzene	2.8	J	ug/kg	5.6	0.66	5
Toluene	ND		ug/kg	8.4	1.1	5
Ethylbenzene	ND		ug/kg	5.6	0.71	5
Chloromethane	ND		ug/kg	28	1.6	5
Bromomethane	ND		ug/kg	11	1.9	5
Vinyl chloride	430		ug/kg	11	0.66	5
Chloroethane	ND		ug/kg	11	1.8	5
1,1-Dichloroethene	4.7	J	ug/kg	5.6	1.5	5
trans-1,2-Dichloroethene	18		ug/kg	8.4	1.2	5
Trichloroethene	48		ug/kg	5.6	0.70	5
1,2-Dichlorobenzene	ND		ug/kg	28	0.86	5
1,3-Dichlorobenzene	ND		ug/kg	28	0.76	5
1,4-Dichlorobenzene	ND		ug/kg	28	0.78	5

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-03 D Date Collected: 07/13/15 10:10

Client ID: MW-6-17-19_071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	11	0.47	5
p/m-Xylene	ND		ug/kg	11	1.1	5
o-Xylene	ND		ug/kg	11	0.96	5
cis-1,2-Dichloroethene	1500		ug/kg	5.6	0.80	5
Styrene	ND		ug/kg	11	2.2	5
Dichlorodifluoromethane	ND		ug/kg	56	1.1	5
Acetone	ND		ug/kg	56	5.8	5
Carbon disulfide	ND		ug/kg	56	6.2	5
2-Butanone	ND		ug/kg	56	1.5	5
4-Methyl-2-pentanone	ND		ug/kg	56	1.4	5
2-Hexanone	ND		ug/kg	56	3.7	5
Bromochloromethane	ND		ug/kg	28	1.5	5
1,2-Dibromoethane	ND		ug/kg	22	0.98	5
n-Butylbenzene	ND		ug/kg	5.6	0.64	5
sec-Butylbenzene	ND		ug/kg	5.6	0.68	5
tert-Butylbenzene	ND		ug/kg	28	0.76	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	28	2.2	5
Isopropylbenzene	ND		ug/kg	5.6	0.58	5
p-Isopropyltoluene	ND		ug/kg	5.6	0.70	5
Naphthalene	ND		ug/kg	28	0.78	5
n-Propylbenzene	ND		ug/kg	5.6	0.61	5
1,2,3-Trichlorobenzene	ND		ug/kg	28	0.83	5
1,2,4-Trichlorobenzene	ND		ug/kg	28	1.0	5
1,3,5-Trimethylbenzene	ND		ug/kg	28	0.80	5
1,2,4-Trimethylbenzene	ND		ug/kg	28	0.79	5
Methyl Acetate	ND		ug/kg	110	1.5	5
Cyclohexane	ND		ug/kg	110	0.82	5
1,4-Dioxane	ND		ug/kg	560	81.	5
Freon-113	ND		ug/kg	110	1.5	5
Methyl cyclohexane	ND		ug/kg	22	0.87	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	115		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	110		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID:	L1516038-04	Date Collected:	07/13/15 11:00
Client ID:	MW-6-23-25_071315	Date Received:	07/13/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/14/15 11:18		
Analyst:	BN		
Percent Solids:	78%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.47	1
Carbon tetrachloride	ND		ug/kg	1.3	0.27	1
1,2-Dichloropropane	ND		ug/kg	4.5	0.29	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.39	1
Tetrachloroethene	ND		ug/kg	1.3	0.18	1
Chlorobenzene	ND		ug/kg	1.3	0.45	1
Trichlorofluoromethane	ND		ug/kg	6.4	0.50	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.14	1
Bromodichloromethane	ND		ug/kg	1.3	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.15	1
Bromoform	ND		ug/kg	5.1	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.15	1
Toluene	ND		ug/kg	1.9	0.25	1
Ethylbenzene	ND		ug/kg	1.3	0.16	1
Chloromethane	ND		ug/kg	6.4	0.38	1
Bromomethane	ND		ug/kg	2.6	0.43	1
Vinyl chloride	0.70	J	ug/kg	2.6	0.15	1
Chloroethane	ND		ug/kg	2.6	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.34	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
Trichloroethene	ND		ug/kg	1.3	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.4	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.4	0.18	1

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-04 Date Collected: 07/13/15 11:00

Client ID: MW-6-23-25_071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.6	0.11	1
p/m-Xylene	ND		ug/kg	2.6	0.25	1
o-Xylene	ND		ug/kg	2.6	0.22	1
cis-1,2-Dichloroethene	1.7		ug/kg	1.3	0.18	1
Styrene	ND		ug/kg	2.6	0.52	1
Dichlorodifluoromethane	ND		ug/kg	13	0.24	1
Acetone	ND		ug/kg	13	1.3	1
Carbon disulfide	ND		ug/kg	13	1.4	1
2-Butanone	ND		ug/kg	13	0.35	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.31	1
2-Hexanone	ND		ug/kg	13	0.85	1
Bromochloromethane	ND		ug/kg	6.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	5.1	0.22	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.4	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.4	0.51	1
Isopropylbenzene	ND		ug/kg	1.3	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.16	1
Naphthalene	ND		ug/kg	6.4	0.18	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.4	0.19	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.4	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.4	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.4	0.18	1
Methyl Acetate	ND		ug/kg	26	0.35	1
Cyclohexane	ND		ug/kg	26	0.19	1
1,4-Dioxane	ND		ug/kg	130	18.	1
Freon-113	ND		ug/kg	26	0.35	1
Methyl cyclohexane	ND		ug/kg	5.1	0.20	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	112		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID:	L1516038-05	Date Collected:	07/13/15 11:25
Client ID:	MW-6-31-33_071315	Date Received:	07/13/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/14/15 10:02		
Analyst:	BN		
Percent Solids:	80%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.29	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.18	1
Chlorobenzene	ND		ug/kg	1.2	0.44	1
Trichlorofluoromethane	ND		ug/kg	6.3	0.49	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
Bromoform	ND		ug/kg	5.0	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.13	1
Benzene	ND		ug/kg	1.2	0.15	1
Toluene	ND		ug/kg	1.9	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.3	0.37	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	0.30	J	ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.40	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.27	1
Trichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.3	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.3	0.17	1

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-05 Date Collected: 07/13/15 11:25

Client ID: MW-6-31-33_071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.11	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.22	1
cis-1,2-Dichloroethene	0.48	J	ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.31	1
2-Hexanone	ND		ug/kg	12	0.84	1
Bromochloromethane	ND		ug/kg	6.3	0.35	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.3	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.3	0.50	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.16	1
Naphthalene	ND		ug/kg	6.3	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.3	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.3	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.3	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.3	0.18	1
Methyl Acetate	ND		ug/kg	25	0.34	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	5.0	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID:	L1516038-06	Date Collected:	07/13/15 11:50
Client ID:	MW-6-35-37_071315	Date Received:	07/13/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/14/15 10:29		
Analyst:	BN		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.36	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.14	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-06 Date Collected: 07/13/15 11:50

Client ID: MW-6-35-37_071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.24	1
o-Xylene	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.82	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.22	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.2	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.17	1
Methyl Acetate	ND		ug/kg	25	0.33	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	119		70-130
Dibromofluoromethane	102		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID:	L1516038-07	Date Collected:	07/13/15 13:50
Client ID:	MW-6-49-51_071315	Date Received:	07/13/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/14/15 10:56		
Analyst:	BN		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.36	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.14	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-07 Date Collected: 07/13/15 13:50

Client ID: MW-6-49-51_071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.24	1
o-Xylene	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.82	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.22	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.2	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.17	1
Methyl Acetate	ND		ug/kg	25	0.33	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	**161**	Q	70-130
Dibromofluoromethane	104		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-07 R
Client ID: MW-6-49-51_071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/14/15 13:41
Analyst: BN
Percent Solids: 81%

Date Collected: 07/13/15 13:50
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.36	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.14	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-07 R Date Collected: 07/13/15 13:50

Client ID: MW-6-49-51_071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.24	1
o-Xylene	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.82	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.22	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.2	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.17	1
Methyl Acetate	ND		ug/kg	25	0.33	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	**144**	Q	70-130
Dibromofluoromethane	105		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID:	L1516038-08	Date Collected:	07/13/15 14:10
Client ID:	MW-6-53-55_071315	Date Received:	07/13/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/14/15 11:24		
Analyst:	BN		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	0.31	J	ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.17	1

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-08 Date Collected: 07/13/15 14:10

Client ID: MW-6-53-55_071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.24	1
o-Xylene	ND		ug/kg	2.4	0.21	1
cis-1,2-Dichloroethene	0.30	J	ug/kg	1.2	0.17	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.33	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.81	1
Bromochloromethane	ND		ug/kg	6.1	0.34	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.1	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.17	1
Methyl Acetate	ND		ug/kg	24	0.33	1
Cyclohexane	ND		ug/kg	24	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	24	0.33	1
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	**149**	Q	70-130
Dibromofluoromethane	106		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-08 R
Client ID: MW-6-53-55_071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/14/15 14:08
Analyst: BN
Percent Solids: 82%

Date Collected: 07/13/15 14:10
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.3	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.45	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.42	1
Trichlorofluoromethane	ND		ug/kg	6.1	0.47	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.1	0.36	1
Bromomethane	ND		ug/kg	2.4	0.41	1
Vinyl chloride	0.30	J	ug/kg	2.4	0.14	1
Chloroethane	ND		ug/kg	2.4	0.38	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.1	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	6.1	0.17	1

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-08 R Date Collected: 07/13/15 14:10

Client ID: MW-6-53-55_071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.4	0.10	1
p/m-Xylene	ND		ug/kg	2.4	0.24	1
o-Xylene	ND		ug/kg	2.4	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.17	1
Styrene	ND		ug/kg	2.4	0.49	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.3	1
2-Butanone	ND		ug/kg	12	0.33	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.81	1
Bromochloromethane	ND		ug/kg	6.1	0.34	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.1	0.16	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.1	0.48	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.1	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.1	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.1	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.1	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.1	0.17	1
Methyl Acetate	ND		ug/kg	24	0.33	1
Cyclohexane	ND		ug/kg	24	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	24	0.33	1
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	**149**	Q	70-130
Dibromofluoromethane	102		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-09
Client ID: TRIP BLANK-003-071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/14/15 10:53
Analyst: PD

Date Collected: 07/13/15 00:00
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-09 Date Collected: 07/13/15 00:00

Client ID: TRIP BLANK-003-071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	41.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	125		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	108		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 10:26
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG802530-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 10:26
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG802530-3					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylene (Total)	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene (total)	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Isopropyl Ether	ND		ug/l	2.0	0.65
tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 10:26
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG802530-3					
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/l	2.5	0.70
1,4-Diethylbenzene	ND		ug/l	2.0	0.70
4-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 10:26
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG802530-3					
Iodomethane	ND		ug/l	5.0	5.0
Methyl cyclohexane	ND		ug/l	10	0.40

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	125		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	107		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 09:29
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG802552-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 09:29
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG802552-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

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Batch Quality Control

Analytical Method: 1,8260C
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Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG802552-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

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Analytical Method: 1,8260C
Analytical Date: 07/14/15 09:29
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG802552-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	84		70-130
Dibromofluoromethane	99		70-130

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

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Analytical Method: 1,8260C
Analytical Date: 07/14/15 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-08 Batch: WG802562-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	0.87	J	ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-08 Batch: WG802562-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-08 Batch: WG802562-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/14/15 09:34
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05-08 Batch: WG802562-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516038

Report Date: 07/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG802530-1 WG802530-2								
Methylene chloride	93		94		70-130	1		20
1,1-Dichloroethane	116		116		70-130	0		20
Chloroform	114		114		70-130	0		20
2-Chloroethylvinyl ether	**59**	Q	**61**	Q	70-130	3		20
Carbon tetrachloride	98		96		63-132	2		20
1,2-Dichloropropane	107		108		70-130	1		20
Dibromochloromethane	107		106		63-130	1		20
1,1,2-Trichloroethane	122		120		70-130	2		20
Tetrachloroethene	104		102		70-130	2		20
Chlorobenzene	107		106		75-130	1		20
Trichlorofluoromethane	**153**	Q	147		62-150	4		20
1,2-Dichloroethane	104		104		70-130	0		20
1,1,1-Trichloroethane	104		102		67-130	2		20
Bromodichloromethane	98		99		67-130	1		20
trans-1,3-Dichloropropene	109		109		70-130	0		20
cis-1,3-Dichloropropene	88		88		70-130	0		20
1,1-Dichloropropene	100		100		70-130	0		20
Bromoform	101		103		54-136	2		20
1,1,2,2-Tetrachloroethane	111		113		67-130	2		20
Benzene	107		106		70-130	1		20
Toluene	121		119		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516038

Report Date: 07/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG802530-1 WG802530-2								
Ethylbenzene	113		111		70-130	2		20
Chloromethane	**55**	Q	**58**	Q	64-130	5		20
Bromomethane	82		80		39-139	2		20
Vinyl chloride	105		103		55-140	2		20
Chloroethane	104		102		55-138	2		20
1,1-Dichloroethene	110		108		61-145	2		20
trans-1,2-Dichloroethene	105		103		70-130	2		20
Trichloroethene	103		102		70-130	1		20
1,2-Dichlorobenzene	101		102		70-130	1		20
1,3-Dichlorobenzene	108		109		70-130	1		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	95		97		63-130	2		20
p/m-Xylene	111		109		70-130	2		20
o-Xylene	104		103		70-130	1		20
cis-1,2-Dichloroethene	103		103		70-130	0		20
Dibromomethane	96		97		70-130	1		20
1,2,3-Trichloropropane	126		130		64-130	3		20
Acrylonitrile	113		116		70-130	3		20
Diisopropyl Ether	119		120		70-130	1		20
Tert-Butyl Alcohol	90		93		70-130	3		20
Styrene	108		107		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40
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Report Date: 07/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG802530-1 WG802530-2								
Dichlorodifluoromethane	85		82		36-147	4		20
Acetone	102		112		58-148	9		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	123		129		63-138	5		20
Vinyl acetate	83		84		70-130	1		20
4-Methyl-2-pentanone	82		86		59-130	5		20
2-Hexanone	98		102		57-130	4		20
Acrolein	89		90		40-160	1		20
Bromochloromethane	103		101		70-130	2		20
2,2-Dichloropropane	92		89		63-133	3		20
1,2-Dibromoethane	101		102		70-130	1		20
1,3-Dichloropropane	117		117		70-130	0		20
1,1,1,2-Tetrachloroethane	113		112		64-130	1		20
Bromobenzene	94		96		70-130	2		20
n-Butylbenzene	**137**	Q	**138**	Q	53-136	1		20
sec-Butylbenzene	114		114		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	119		122		70-130	2		20
p-Chlorotoluene	111		111		70-130	0		20
1,2-Dibromo-3-chloropropane	115		115		41-144	0		20
Hexachlorobutadiene	119		118		63-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG802530-1 WG802530-2								
Isopropylbenzene	102		102		70-130	0		20
p-Isopropyltoluene	115		116		70-130	1		20
Naphthalene	92		95		70-130	3		20
n-Propylbenzene	112		111		69-130	1		20
1,2,3-Trichlorobenzene	112		114		70-130	2		20
1,2,4-Trichlorobenzene	119		121		70-130	2		20
1,3,5-Trimethylbenzene	121		120		64-130	1		20
1,2,4-Trimethylbenzene	113		112		70-130	1		20
Methyl Acetate	118		121		70-130	3		20
Ethyl Acetate	112		117		70-130	4		20
Cyclohexane	112		112		70-130	0		20
Ethyl-Tert-Butyl-Ether	98		100		70-130	2		20
Tertiary-Amyl Methyl Ether	83		85		66-130	2		20
1,4-Dioxane	115		113		56-162	2		20
Freon-113	114		111		70-130	3		20
p-Diethylbenzene	117		119		70-130	2		20
p-Ethyltoluene	111		111		70-130	0		20
1,2,4,5-Tetramethylbenzene	117		121		70-130	3		20
Ethyl ether	132		130		59-134	2		20
trans-1,4-Dichloro-2-butene	91		91		70-130	0		20
Iodomethane	**16**	Q	**17**	Q	70-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG802530-1 WG802530-2								
Methyl cyclohexane	99		98		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		107		70-130
Toluene-d8	124		123		70-130
4-Bromofluorobenzene	95		96		70-130
Dibromofluoromethane	109		110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST

Project Number: 21.0056730.40

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Report Date: 07/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG802552-1 WG802552-2								
Methylene chloride	100		97		70-130	3		30
1,1-Dichloroethane	103		99		70-130	4		30
Chloroform	103		98		70-130	5		30
Carbon tetrachloride	109		104		70-130	5		30
1,2-Dichloropropane	92		91		70-130	1		30
Dibromochloromethane	99		98		70-130	1		30
2-Chloroethylvinyl ether	76		80		70-130	5		30
1,1,2-Trichloroethane	100		98		70-130	2		30
Tetrachloroethene	112		105		70-130	6		30
Chlorobenzene	102		98		70-130	4		30
Trichlorofluoromethane	135		124		70-139	8		30
1,2-Dichloroethane	100		100		70-130	0		30
1,1,1-Trichloroethane	103		99		70-130	4		30
Bromodichloromethane	92		92		70-130	0		30
trans-1,3-Dichloropropene	91		89		70-130	2		30
cis-1,3-Dichloropropene	88		88		70-130	0		30
1,1-Dichloropropene	94		91		70-130	3		30
Bromoform	95		94		70-130	1		30
1,1,2,2-Tetrachloroethane	94		92		70-130	2		30
Benzene	98		95		70-130	3		30
Toluene	102		97		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG802552-1 WG802552-2								
Ethylbenzene	101		96		70-130	5		30
Chloromethane	102		95		52-130	7		30
Bromomethane	119		115		57-147	3		30
Vinyl chloride	88		86		67-130	2		30
Chloroethane	106		102		50-151	4		30
1,1-Dichloroethene	102		99		65-135	3		30
trans-1,2-Dichloroethene	101		95		70-130	6		30
Trichloroethene	103		98		70-130	5		30
1,2-Dichlorobenzene	102		100		70-130	2		30
1,3-Dichlorobenzene	106		104		70-130	2		30
1,4-Dichlorobenzene	105		101		70-130	4		30
Methyl tert butyl ether	87		87		66-130	0		30
p/m-Xylene	106		101		70-130	5		30
o-Xylene	101		98		70-130	3		30
cis-1,2-Dichloroethene	98		95		70-130	3		30
Dibromomethane	94		94		70-130	0		30
Styrene	104		100		70-130	4		30
Dichlorodifluoromethane	115		106		30-146	8		30
Acetone	86		90		54-140	5		30
Carbon disulfide	87		81		59-130	7		30
2-Butanone	83		84		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
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Lab Number: L1516038
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG802552-1 WG802552-2								
Vinyl acetate	73		75		70-130	3		30
4-Methyl-2-pentanone	**69**	Q	73		70-130	6		30
1,2,3-Trichloropropane	92		93		68-130	1		30
2-Hexanone	**63**	Q	**66**	Q	70-130	5		30
Bromochloromethane	106		104		70-130	2		30
2,2-Dichloropropane	100		95		70-130	5		30
1,2-Dibromoethane	95		97		70-130	2		30
1,3-Dichloropropane	94		94		69-130	0		30
1,1,1,2-Tetrachloroethane	103		100		70-130	3		30
Bromobenzene	101		97		70-130	4		30
n-Butylbenzene	108		102		70-130	6		30
sec-Butylbenzene	103		97		70-130	6		30
tert-Butylbenzene	96		91		70-130	5		30
o-Chlorotoluene	102		97		70-130	5		30
p-Chlorotoluene	98		93		70-130	5		30
1,2-Dibromo-3-chloropropane	75		77		68-130	3		30
Hexachlorobutadiene	105		99		67-130	6		30
Isopropylbenzene	96		90		70-130	6		30
p-Isopropyltoluene	103		98		70-130	5		30
Naphthalene	82		85		70-130	4		30
Acrylonitrile	91		94		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG802552-1 WG802552-2								
Diisopropyl Ether	87		86		66-130	1		30
Tert-Butyl Alcohol	75		75		70-130	0		30
n-Propylbenzene	100		94		70-130	6		30
1,2,3-Trichlorobenzene	96		95		70-130	1		30
1,2,4-Trichlorobenzene	96		96		70-130	0		30
1,3,5-Trimethylbenzene	100		95		70-130	5		30
1,2,4-Trimethylbenzene	99		95		70-130	4		30
Methyl Acetate	91		92		51-146	1		30
Ethyl Acetate	82		84		70-130	2		30
Acrolein	**61**	Q	**59**	Q	70-130	3		30
Cyclohexane	99		95		59-142	4		30
1,4-Dioxane	103		92		65-136	11		30
Freon-113	116		109		50-139	6		30
p-Diethylbenzene	102		97		70-130	5		30
p-Ethyltoluene	104		98		70-130	6		30
1,2,4,5-Tetramethylbenzene	92		88		70-130	4		30
Tetrahydrofuran	89		86		66-130	3		30
Ethyl ether	98		96		67-130	2		30
trans-1,4-Dichloro-2-butene	91		89		70-130	2		30
Methyl cyclohexane	99		95		70-130	4		30
Ethyl-Tert-Butyl-Ether	86		86		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG802552-1 WG802552-2								
Tertiary-Amyl Methyl Ether	80		81		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		107		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	87		85		70-130
Dibromofluoromethane	105		106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-08 Batch: WG802562-1 WG802562-2								
Methylene chloride	104		101		70-130	3		30
1,1-Dichloroethane	112		107		70-130	5		30
Chloroform	113		109		70-130	4		30
Carbon tetrachloride	121		113		70-130	7		30
1,2-Dichloropropane	112		108		70-130	4		30
Dibromochloromethane	98		95		70-130	3		30
2-Chloroethylvinyl ether	117		113		70-130	3		30
1,1,2-Trichloroethane	97		95		70-130	2		30
Tetrachloroethene	111		103		70-130	7		30
Chlorobenzene	104		99		70-130	5		30
Trichlorofluoromethane	126		116		70-139	8		30
1,2-Dichloroethane	103		102		70-130	1		30
1,1,1-Trichloroethane	121		112		70-130	8		30
Bromodichloromethane	108		105		70-130	3		30
trans-1,3-Dichloropropene	95		92		70-130	3		30
cis-1,3-Dichloropropene	109		106		70-130	3		30
1,1-Dichloropropene	122		113		70-130	8		30
Bromoform	92		93		70-130	1		30
1,1,2,2-Tetrachloroethane	88		89		70-130	1		30
Benzene	113		106		70-130	6		30
Toluene	101		96		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-08 Batch: WG802562-1 WG802562-2								
Ethylbenzene	104		98		70-130	6		30
Chloromethane	94		89		52-130	5		30
Bromomethane	136		128		57-147	6		30
Vinyl chloride	107		98		67-130	9		30
Chloroethane	110		100		50-151	10		30
1,1-Dichloroethene	117		106		65-135	10		30
trans-1,2-Dichloroethene	115		108		70-130	6		30
Trichloroethene	118		112		70-130	5		30
1,2-Dichlorobenzene	96		94		70-130	2		30
1,3-Dichlorobenzene	98		95		70-130	3		30
1,4-Dichlorobenzene	97		94		70-130	3		30
Methyl tert butyl ether	104		103		66-130	1		30
p/m-Xylene	105		99		70-130	6		30
o-Xylene	103		98		70-130	5		30
cis-1,2-Dichloroethene	116		110		70-130	5		30
Dibromomethane	109		106		70-130	3		30
Styrene	104		99		70-130	5		30
Dichlorodifluoromethane	116		106		30-146	9		30
Acetone	94		94		54-140	0		30
Carbon disulfide	107		97		59-130	10		30
2-Butanone	101		105		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-08 Batch: WG802562-1 WG802562-2								
Vinyl acetate	100		99		70-130	1		30
4-Methyl-2-pentanone	103		105		70-130	2		30
1,2,3-Trichloropropane	89		90		68-130	1		30
2-Hexanone	77		79		70-130	3		30
Bromochloromethane	117		114		70-130	3		30
2,2-Dichloropropane	112		104		70-130	7		30
1,2-Dibromoethane	98		96		70-130	2		30
1,3-Dichloropropane	96		95		69-130	1		30
1,1,1,2-Tetrachloroethane	102		98		70-130	4		30
Bromobenzene	96		95		70-130	1		30
n-Butylbenzene	102		96		70-130	6		30
sec-Butylbenzene	101		96		70-130	5		30
tert-Butylbenzene	100		95		70-130	5		30
o-Chlorotoluene	95		92		70-130	3		30
p-Chlorotoluene	98		93		70-130	5		30
1,2-Dibromo-3-chloropropane	90		91		68-130	1		30
Hexachlorobutadiene	104		97		67-130	7		30
Isopropylbenzene	107		100		70-130	7		30
p-Isopropyltoluene	101		96		70-130	5		30
Naphthalene	89		89		70-130	0		30
Acrylonitrile	104		106		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516038
Report Date: 07/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-08 Batch: WG802562-1 WG802562-2								
Diisopropyl Ether	102		99		66-130	3		30
Tert-Butyl Alcohol	100		103		70-130	3		30
n-Propylbenzene	99		94		70-130	5		30
1,2,3-Trichlorobenzene	95		93		70-130	2		30
1,2,4-Trichlorobenzene	97		95		70-130	2		30
1,3,5-Trimethylbenzene	99		94		70-130	5		30
1,2,4-Trimethylbenzene	96		92		70-130	4		30
Methyl Acetate	91		96		51-146	5		30
Ethyl Acetate	86		85		70-130	1		30
Acrolein	88		85		70-130	3		30
Cyclohexane	125		116		59-142	7		30
1,4-Dioxane	101		103		65-136	2		30
Freon-113	118		108		50-139	9		30
p-Diethylbenzene	121		114		70-130	6		30
p-Ethyltoluene	120		113		70-130	6		30
1,2,4,5-Tetramethylbenzene	117		111		70-130	5		30
Tetrahydrofuran	95		86		66-130	10		30
Ethyl ether	103		99		67-130	4		30
trans-1,4-Dichloro-2-butene	81		81		70-130	0		30
Methyl cyclohexane	129		120		70-130	7		30
Ethyl-Tert-Butyl-Ether	105		103		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516038

Report Date: 07/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05-08 Batch: WG802562-1 WG802562-2								
Tertiary-Amyl Methyl Ether	105		104		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		94		70-130
Toluene-d8	92		91		70-130
4-Bromofluorobenzene	94		95		70-130
Dibromofluoromethane	102		102		70-130

SEMIVOLATILES

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID:	L1516038-01	Date Collected:	07/13/15 09:35
Client ID:	MW-6-5-7_071315	Date Received:	07/13/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	07/14/15 00:21
Analytical Date:	07/14/15 11:42		
Analyst:	RC		
Percent Solids:	73%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	58	J	ug/kg	180	47.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	74.	1
Hexachlorobenzene	ND		ug/kg	140	42.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	64.	1
2-Chloronaphthalene	ND		ug/kg	230	74.	1
1,2-Dichlorobenzene	ND		ug/kg	230	74.	1
1,3-Dichlorobenzene	ND		ug/kg	230	71.	1
1,4-Dichlorobenzene	ND		ug/kg	230	69.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	60.	1
2,4-Dinitrotoluene	ND		ug/kg	230	49.	1
2,6-Dinitrotoluene	ND		ug/kg	230	58.	1
Fluoranthene	510		ug/kg	140	42.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	69.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	52.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	80.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	68.	1
Hexachlorobutadiene	ND		ug/kg	230	64.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	140	1
Hexachloroethane	ND		ug/kg	180	41.	1
Isophorone	ND		ug/kg	200	60.	1
Naphthalene	220	J	ug/kg	230	75.	1
Nitrobenzene	ND		ug/kg	200	54.	1
NDPA/DPA	ND		ug/kg	180	48.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	67.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	59.	1
Butyl benzyl phthalate	ND		ug/kg	230	44.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	56.	1
Diethyl phthalate	ND		ug/kg	230	48.	1
Dimethyl phthalate	ND		ug/kg	230	58.	1

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-01 Date Collected: 07/13/15 09:35

Client ID: MW-6-5-7_071315 Date Received: 07/13/15

Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	260		ug/kg	140	44.	1
Benzo(a)pyrene	320		ug/kg	180	55.	1
Benzo(b)fluoranthene	250		ug/kg	140	46.	1
Benzo(k)fluoranthene	240		ug/kg	140	43.	1
Chrysene	250		ug/kg	140	44.	1
Acenaphthylene	51	J	ug/kg	180	42.	1
Anthracene	130	J	ug/kg	140	38.	1
Benzo(ghi)perylene	200		ug/kg	180	47.	1
Fluorene	83	J	ug/kg	230	65.	1
Phenanthrene	420		ug/kg	140	44.	1
Dibenzo(a,h)anthracene	52	J	ug/kg	140	44.	1
Indeno(1,2,3-cd)pyrene	170	J	ug/kg	180	50.	1
Pyrene	440		ug/kg	140	44.	1
Biphenyl	ND		ug/kg	520	75.	1
4-Chloroaniline	ND		ug/kg	230	60.	1
2-Nitroaniline	ND		ug/kg	230	64.	1
3-Nitroaniline	ND		ug/kg	230	62.	1
4-Nitroaniline	ND		ug/kg	230	61.	1
Dibenzofuran	ND		ug/kg	230	76.	1
2-Methylnaphthalene	ND		ug/kg	270	72.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	70.	1
Acetophenone	ND		ug/kg	230	70.	1
Benzyl Alcohol	ND		ug/kg	230	70.	1
Carbazole	68	J	ug/kg	230	49.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	81		18-120

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/15 09:08
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/14/15 00:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG802310-1					
Acenaphthene	ND		ug/kg	130	33.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	42.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	29.
Isophorone	ND		ug/kg	140	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	140	38.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/15 09:08
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/14/15 00:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG802310-1					
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	32.
Biphenyl	ND		ug/kg	370	53.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
2,4,6-Trichlorophenol	ND		ug/kg	97	30.
P-Chloro-M-Cresol	ND		ug/kg	160	47.
2-Chlorophenol	ND		ug/kg	160	49.
2,4-Dichlorophenol	ND		ug/kg	140	52.
2,4-Dimethylphenol	ND		ug/kg	160	48.
2-Nitrophenol	ND		ug/kg	350	51.

Project Name: COYNE TECTILE SERVICES-MW INST **Lab Number:** L1516038

Project Number: 21.0056730.40 **Report Date:** 07/14/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/14/15 09:08
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 07/14/15 00:21

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG802310-1					
4-Nitrophenol	ND		ug/kg	230	52.
2,4-Dinitrophenol	ND		ug/kg	780	220
4,6-Dinitro-o-cresol	ND		ug/kg	420	59.
Pentachlorophenol	ND		ug/kg	130	35.
Phenol	ND		ug/kg	160	48.
2-Methylphenol	ND		ug/kg	160	52.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	53.
2,4,5-Trichlorophenol	ND		ug/kg	160	52.
Benzoic Acid	ND		ug/kg	520	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	87		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516038
Report Date: 07/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG802310-2 WG802310-3								
Acenaphthene	93		85		31-137	9		50
1,2,4-Trichlorobenzene	81		75		38-107	8		50
Hexachlorobenzene	98		89		40-140	10		50
Bis(2-chloroethyl)ether	78		72		40-140	8		50
2-Chloronaphthalene	90		82		40-140	9		50
1,2-Dichlorobenzene	73		68		40-140	7		50
1,3-Dichlorobenzene	72		67		40-140	7		50
1,4-Dichlorobenzene	72		66		28-104	9		50
3,3'-Dichlorobenzidine	82		75		40-140	9		50
2,4-Dinitrotoluene	**100**	Q	**92**	Q	28-89	8		50
2,6-Dinitrotoluene	107		98		40-140	9		50
Fluoranthene	102		95		40-140	7		50
4-Chlorophenyl phenyl ether	95		87		40-140	9		50
4-Bromophenyl phenyl ether	97		88		40-140	10		50
Bis(2-chloroisopropyl)ether	76		70		40-140	8		50
Bis(2-chloroethoxy)methane	88		81		40-117	8		50
Hexachlorobutadiene	80		74		40-140	8		50
Hexachlorocyclopentadiene	92		87		40-140	6		50
Hexachloroethane	74		66		40-140	11		50
Isophorone	90		82		40-140	9		50
Naphthalene	84		78		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516038
Report Date: 07/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG802310-2 WG802310-3								
Nitrobenzene	91		86		40-140	6		50
NitrosoDiPhenylAmine(NDPA)/DPA	101		92		36-157	9		50
n-Nitrosodi-n-propylamine	88		81		32-121	8		50
Bis(2-Ethylhexyl)phthalate	123		112		40-140	9		50
Butyl benzyl phthalate	115		105		40-140	9		50
Di-n-butylphthalate	119		108		40-140	10		50
Di-n-octylphthalate	108		98		40-140	10		50
Diethyl phthalate	103		94		40-140	9		50
Dimethyl phthalate	102		93		40-140	9		50
Benzo(a)anthracene	107		99		40-140	8		50
Benzo(a)pyrene	110		100		40-140	10		50
Benzo(b)fluoranthene	100		100		40-140	0		50
Benzo(k)fluoranthene	109		94		40-140	15		50
Chrysene	100		92		40-140	8		50
Acenaphthylene	96		87		40-140	10		50
Anthracene	101		94		40-140	7		50
Benzo(ghi)perylene	104		93		40-140	11		50
Fluorene	96		88		40-140	9		50
Phenanthrene	95		88		40-140	8		50
Dibenzo(a,h)anthracene	106		95		40-140	11		50
Indeno(1,2,3-cd)Pyrene	109		98		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516038
Report Date: 07/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG802310-2 WG802310-3								
Pyrene	101		92		35-142	9		50
Biphenyl	92		86		54-104	7		50
4-Chloroaniline	78		70		40-140	11		50
2-Nitroaniline	95		89		47-134	7		50
3-Nitroaniline	93		86		26-129	8		50
4-Nitroaniline	98		91		41-125	7		50
Dibenzofuran	95		87		40-140	9		50
2-Methylnaphthalene	87		81		40-140	7		50
1,2,4,5-Tetrachlorobenzene	87		81		40-117	7		50
Acetophenone	89		82		14-144	8		50
2,4,6-Trichlorophenol	101		93		30-130	8		50
P-Chloro-M-Cresol	**105**	Q	95		26-103	10		50
2-Chlorophenol	87		80		25-102	8		50
2,4-Dichlorophenol	98		90		30-130	9		50
2,4-Dimethylphenol	95		87		30-130	9		50
2-Nitrophenol	85		81		30-130	5		50
4-Nitrophenol	96		89		11-114	8		50
2,4-Dinitrophenol	73		70		4-130	4		50
4,6-Dinitro-o-cresol	96		93		10-130	3		50
Pentachlorophenol	97		91		17-109	6		50
Phenol	87		81		26-90	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516038
Report Date: 07/14/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG802310-2 WG802310-3								
2-Methylphenol	90		84		30-130.	7		50
3-Methylphenol/4-Methylphenol	95		88		30-130	8		50
2,4,5-Trichlorophenol	104		96		30-130	8		50
Benzoic Acid	39		33		10-66	17		50
Benzyl Alcohol	91		84		40-140	8		50
Carbazole	102		94		54-128	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		79		25-120
Phenol-d6	87		81		10-120
Nitrobenzene-d5	89		86		23-120
2-Fluorobiphenyl	88		81		30-120
2,4,6-Tribromophenol	111		103		10-136
4-Terphenyl-d14	97		89		18-120

INORGANICS
&
MISCELLANEOUS

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516038
Report Date: 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-01
Client ID: MW-6-5-7_071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Soil

Date Collected: 07/13/15 09:35
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.6		%	0.100	NA	1	-	07/14/15 02:44	30,2540G	LH

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516038
Report Date: 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-02
Client ID: MW-6-13-15_071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Soil

Date Collected: 07/13/15 10:00
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	63.2		%	0.100	NA	1	-	07/14/15 02:44	30,2540G	LH

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516038
Report Date: 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-03
Client ID: MW-6-17-19_071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Soil

Date Collected: 07/13/15 10:10
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.2		%	0.100	NA	1	-	07/14/15 02:44	30,2540G	LH

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516038
Report Date: 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-04
Client ID: MW-6-23-25_071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Soil

Date Collected: 07/13/15 11:00
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.9		%	0.100	NA	1	-	07/14/15 02:44	30,2540G	LH

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516038
Report Date: 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-05
Client ID: MW-6-31-33_071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Soil

Date Collected: 07/13/15 11:25
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.5		%	0.100	NA	1	-	07/14/15 02:44	30,2540G	LH

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516038
Report Date: 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-06
Client ID: MW-6-35-37_071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Soil

Date Collected: 07/13/15 11:50
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.1		%	0.100	NA	1	-	07/14/15 02:44	30,2540G	LH

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516038
Report Date: 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-07
Client ID: MW-6-49-51_071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Soil

Date Collected: 07/13/15 13:50
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	07/14/15 02:44	30,2540G	LH

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516038
Report Date: 07/14/15

SAMPLE RESULTS

Lab ID: L1516038-08
Client ID: MW-6-53-55_071315
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Soil

Date Collected: 07/13/15 14:10
Date Received: 07/13/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.9		%	0.100	NA	1	-	07/14/15 02:44	30,2540G	LH

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516038
Report Date: 07/14/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG802332-1 QC Sample: L1516043-01 Client ID: DUP Sample						
Solids, Total	85.7	86.0	%	0		20

Project Name: COYNE TECTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516038
Report Date: 07/14/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516038-01A	Glass 60mL/2oz unpreserved	A	N/A	4.4	Y	Absent	NYTCL-8260(14)
L1516038-01B	Glass 120ml/4oz unpreserved	A	N/A	4.4	Y	Absent	NYTCL-8270(14),TS(7)
L1516038-02A	Glass 60mL/2oz unpreserved	A	N/A	4.4	Y	Absent	TS(7),NYTCL-8260(14)
L1516038-03A	Glass 60mL/2oz unpreserved	A	N/A	4.4	Y	Absent	TS(7),NYTCL-8260(14)
L1516038-04A	Glass 60mL/2oz unpreserved	A	N/A	4.4	Y	Absent	TS(7),NYTCL-8260(14)
L1516038-05A	Glass 60mL/2oz unpreserved	A	N/A	4.4	Y	Absent	TS(7),NYTCL-8260(14)
L1516038-06A	Glass 60mL/2oz unpreserved	A	N/A	4.4	Y	Absent	TS(7),NYTCL-8260(14)
L1516038-07A	Glass 60mL/2oz unpreserved	A	N/A	4.4	Y	Absent	TS(7),NYTCL-8260(14)
L1516038-08A	Glass 60mL/2oz unpreserved	A	N/A	4.4	Y	Absent	TS(7),NYTCL-8260(14)
L1516038-09A	Vial HCl preserved	A	N/A	4.4	Y	Absent	NYTCL-8260(14)
L1516038-09B	Vial HCl preserved	A	N/A	4.4	Y	Absent	NYTCL-8260(14)
L1516038-09C	Vial HCl preserved	A	N/A	4.4	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	COYNE TECTILE SERVICES-MW INST	**Lab Number:**	L1516038
Project Number:	21.0056730.40	**Report Date:**	07/14/15

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TECTILE SERVICES-MW INST	**Lab Number:**	L1516038
Project Number:	21.0056730.40	**Report Date:**	07/14/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TECTILE SERVICES-MW INST	**Lab Number:**	L1516038
Project Number:	21.0056730.40	**Report Date:**	07/14/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page
of

Date Rec'd in Lab: 7/13/15

ALPHA Job #: L1516038

Client Information
Client: GZA (GeoEnvironmental)
Address: 535 Washington St 11th Floor
Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3629
Email: thomas.bohlen@gza.com

Project Information
Project Name: Coyne Textile Services - MW Installation
Project Location: 140 Cortland Ave, Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 07/14/15
Rush (only if pre approved) ☒ # of Days: 1

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

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

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total # of Bottles

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	ANALYSIS: 8260	ANALYSIS: 8270							Sample Specific Comments
1	MW-6-5-7-071315	7/13/15	0935	Soil	PCF	X	X							
2	MW-6-13-15-071315	↓	1000	↓	PCF	X								
3	MW-6-17-19-071315		1010		PCF	X								
4	MW-6-23-25-071315		1100		PCF	X								
5	MW-6-31-33-071315		1125		PCF	X								
6	MW-6-35-37-071315		1150		PCF	X								
7	MW-6-49-51-071315		1350		PCF	X								
8	MW-6-53-55-071315	↓	1410	↓	PCF	X								
9	Trip Blank-003-071315			Aqueous		X								
					Container Type	A/V	A							
					Preservative	A/B	A							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	07/13/15 1630	[illegible]	7/13/15 1630
[illegible]	7/13/15 2000	[illegible]	7/13/15 2000
[illegible]	7/13/15 2330	[illegible]	7/13/15 2330

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1516325
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES-MW INST
Project Number:	21.0056730.40
Report Date:	07/16/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516325-01	MW-7-7-9-71515	SOIL	140 CORTLAND AVE. SYRACUSE, NY 13202	07/15/15 09:30	07/15/15
L1516325-02	MW-7-19-21-71515	SOIL	140 CORTLAND AVE. SYRACUSE, NY 13202	07/15/15 10:00	07/15/15
L1516325-03	MW-7-21-23-71515	SOIL	140 CORTLAND AVE. SYRACUSE, NY 13202	07/15/15 10:05	07/15/15
L1516325-04	MW-7-29-31-71515	SOIL	140 CORTLAND AVE. SYRACUSE, NY 13202	07/15/15 11:10	07/15/15
L1516325-05	MW-7-41-43-71515	SOIL	140 CORTLAND AVE. SYRACUSE, NY 13202	07/15/15 13:15	07/15/15
L1516325-06	MW-7-51-53-71515	SOIL	140 CORTLAND AVE. SYRACUSE, NY 13202	07/15/15 14:00	07/15/15
L1516325-07	FIELD DUPLICATE-001-71515	SOIL	140 CORTLAND AVE. SYRACUSE, NY 13202	07/15/15 00:00	07/15/15
L1516325-08	TRIP BLANK-004-71515	WATER	140 CORTLAND AVE. SYRACUSE, NY 13202	07/15/15 00:00	07/15/15

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516325
Project Number:	21.0056730.40	**Report Date:**	07/16/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516325
Project Number:	21.0056730.40	**Report Date:**	07/16/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

A Trip Blank was listed on the Chain of Custody, but not received in the laboratory.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L1516325-01: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1516325-05: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (23%) and the surrogate recovery for 4-bromofluorobenzene (175%) were outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (19%) and 4-bromofluorobenzene (186%). The results of both analyses are reported.

L1516325-06: The internal standard (IS) response for 1,4-dichlorobenzene-d4 (31%) and the surrogate recovery for 4-bromofluorobenzene (158%) were outside the acceptance criteria; however, re-analysis achieved similar results: 1,4-dichlorobenzene-d4 (36%) and 4-bromofluorobenzene (149%). The results of both analyses are reported.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative

Date: 07/16/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-01 D
Client ID: MW-7-7-9-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/16/15 09:38
Analyst: BN
Percent Solids: 70%

Date Collected: 07/15/15 09:30
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	36	3.9	2.5
1,1-Dichloroethane	ND		ug/kg	5.3	0.30	2.5
Chloroform	ND		ug/kg	5.3	1.3	2.5
Carbon tetrachloride	ND		ug/kg	3.6	0.75	2.5
1,2-Dichloropropane	ND		ug/kg	12	0.81	2.5
Dibromochloromethane	ND		ug/kg	3.6	0.55	2.5
1,1,2-Trichloroethane	ND		ug/kg	5.3	1.1	2.5
Tetrachloroethene	ND		ug/kg	3.6	0.50	2.5
Chlorobenzene	ND		ug/kg	3.6	1.2	2.5
Trichlorofluoromethane	ND		ug/kg	18	1.4	2.5
1,2-Dichloroethane	ND		ug/kg	3.6	0.40	2.5
1,1,1-Trichloroethane	ND		ug/kg	3.6	0.40	2.5
Bromodichloromethane	ND		ug/kg	3.6	0.62	2.5
trans-1,3-Dichloropropene	ND		ug/kg	3.6	0.43	2.5
cis-1,3-Dichloropropene	ND		ug/kg	3.6	0.42	2.5
Bromoform	ND		ug/kg	14	0.84	2.5
1,1,2,2-Tetrachloroethane	ND		ug/kg	3.6	0.36	2.5
Benzene	ND		ug/kg	3.6	0.42	2.5
Toluene	ND		ug/kg	5.3	0.69	2.5
Ethylbenzene	ND		ug/kg	3.6	0.45	2.5
Chloromethane	ND		ug/kg	18	1.0	2.5
Bromomethane	ND		ug/kg	7.1	1.2	2.5
Vinyl chloride	ND		ug/kg	7.1	0.42	2.5
Chloroethane	ND		ug/kg	7.1	1.1	2.5
1,1-Dichloroethene	ND		ug/kg	3.6	0.93	2.5
trans-1,2-Dichloroethene	ND		ug/kg	5.3	0.76	2.5
Trichloroethene	ND		ug/kg	3.6	0.44	2.5
1,2-Dichlorobenzene	ND		ug/kg	18	0.55	2.5
1,3-Dichlorobenzene	ND		ug/kg	18	0.48	2.5
1,4-Dichlorobenzene	ND		ug/kg	18	0.49	2.5

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-01 D Date Collected: 07/15/15 09:30

Client ID: MW-7-7-9-71515 Date Received: 07/15/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	7.1	0.30	2.5
p/m-Xylene	ND		ug/kg	7.1	0.70	2.5
o-Xylene	ND		ug/kg	7.1	0.61	2.5
cis-1,2-Dichloroethene	ND		ug/kg	3.6	0.51	2.5
Styrene	ND		ug/kg	7.1	1.4	2.5
Dichlorodifluoromethane	ND		ug/kg	36	0.68	2.5
Acetone	86		ug/kg	36	3.7	2.5
Carbon disulfide	ND		ug/kg	36	3.9	2.5
2-Butanone	19	J	ug/kg	36	0.97	2.5
4-Methyl-2-pentanone	ND		ug/kg	36	0.87	2.5
2-Hexanone	ND		ug/kg	36	2.4	2.5
Bromochloromethane	ND		ug/kg	18	0.98	2.5
1,2-Dibromoethane	ND		ug/kg	14	0.62	2.5
n-Butylbenzene	56		ug/kg	3.6	0.41	2.5
sec-Butylbenzene	76		ug/kg	3.6	0.44	2.5
tert-Butylbenzene	2.8	J	ug/kg	18	0.48	2.5
1,2-Dibromo-3-chloropropane	ND		ug/kg	18	1.4	2.5
Isopropylbenzene	21		ug/kg	3.6	0.37	2.5
p-Isopropyltoluene	ND		ug/kg	3.6	0.44	2.5
Naphthalene	ND		ug/kg	18	0.49	2.5
n-Propylbenzene	14		ug/kg	3.6	0.39	2.5
1,2,3-Trichlorobenzene	ND		ug/kg	18	0.53	2.5
1,2,4-Trichlorobenzene	ND		ug/kg	18	0.65	2.5
1,3,5-Trimethylbenzene	ND		ug/kg	18	0.51	2.5
1,2,4-Trimethylbenzene	ND		ug/kg	18	0.50	2.5
Methyl Acetate	ND		ug/kg	71	0.96	2.5
Cyclohexane	ND		ug/kg	71	0.52	2.5
1,4-Dioxane	ND		ug/kg	360	51.	2.5
Freon-113	ND		ug/kg	71	0.98	2.5
Methyl cyclohexane	4.5	J	ug/kg	14	0.55	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-02
Client ID: MW-7-19-21-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/16/15 10:05
Analyst: BN
Percent Solids: 90%

Date Collected: 07/15/15 10:00
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	11	1.2	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.10	1
Chloroform	ND		ug/kg	1.7	0.41	1
Carbon tetrachloride	ND		ug/kg	1.1	0.23	1
1,2-Dichloropropane	ND		ug/kg	3.9	0.25	1
Dibromochloromethane	ND		ug/kg	1.1	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.34	1
Tetrachloroethene	ND		ug/kg	1.1	0.16	1
Chlorobenzene	ND		ug/kg	1.1	0.39	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.43	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.13	1
1,1,1-Trichloroethane	ND		ug/kg	1.1	0.12	1
Bromodichloromethane	ND		ug/kg	1.1	0.19	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
cis-1,3-Dichloropropene	ND		ug/kg	1.1	0.13	1
Bromoform	ND		ug/kg	4.4	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.1	0.11	1
Benzene	0.59	J	ug/kg	1.1	0.13	1
Toluene	ND		ug/kg	1.7	0.22	1
Ethylbenzene	ND		ug/kg	1.1	0.14	1
Chloromethane	ND		ug/kg	5.6	0.33	1
Bromomethane	ND		ug/kg	2.2	0.38	1
Vinyl chloride	95		ug/kg	2.2	0.13	1
Chloroethane	ND		ug/kg	2.2	0.35	1
1,1-Dichloroethene	0.50	J	ug/kg	1.1	0.29	1
trans-1,2-Dichloroethene	2.2		ug/kg	1.7	0.24	1
Trichloroethene	ND		ug/kg	1.1	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	5.6	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	5.6	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	5.6	0.15	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-02 Date Collected: 07/15/15 10:00

Client ID: MW-7-19-21-71515 Date Received: 07/15/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.2	0.09	1
p/m-Xylene	ND		ug/kg	2.2	0.22	1
o-Xylene	ND		ug/kg	2.2	0.19	1
cis-1,2-Dichloroethene	260		ug/kg	1.1	0.16	1
Styrene	ND		ug/kg	2.2	0.45	1
Dichlorodifluoromethane	ND		ug/kg	11	0.21	1
Acetone	ND		ug/kg	11	1.2	1
Carbon disulfide	2.7	J	ug/kg	11	1.2	1
2-Butanone	ND		ug/kg	11	0.30	1
4-Methyl-2-pentanone	ND		ug/kg	11	0.27	1
2-Hexanone	ND		ug/kg	11	0.74	1
Bromochloromethane	ND		ug/kg	5.6	0.31	1
1,2-Dibromoethane	ND		ug/kg	4.4	0.19	1
n-Butylbenzene	ND		ug/kg	1.1	0.13	1
sec-Butylbenzene	ND		ug/kg	1.1	0.14	1
tert-Butylbenzene	ND		ug/kg	5.6	0.15	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.6	0.44	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.14	1
Naphthalene	ND		ug/kg	5.6	0.15	1
n-Propylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	5.6	0.16	1
1,2,4-Trichlorobenzene	ND		ug/kg	5.6	0.20	1
1,3,5-Trimethylbenzene	ND		ug/kg	5.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	5.6	0.16	1
Methyl Acetate	ND		ug/kg	22	0.30	1
Cyclohexane	ND		ug/kg	22	0.16	1
1,4-Dioxane	ND		ug/kg	110	16.	1
Freon-113	ND		ug/kg	22	0.30	1
Methyl cyclohexane	ND		ug/kg	4.4	0.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	88		70-130
Dibromofluoromethane	102		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-03
Client ID: MW-7-21-23-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/16/15 09:12
Analyst: BN
Percent Solids: 75%

Date Collected: 07/15/15 10:05
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	13	1.5	1
1,1-Dichloroethane	ND		ug/kg	2.0	0.11	1
Chloroform	ND		ug/kg	2.0	0.49	1
Carbon tetrachloride	ND		ug/kg	1.3	0.28	1
1,2-Dichloropropane	ND		ug/kg	4.7	0.30	1
Dibromochloromethane	ND		ug/kg	1.3	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	2.0	0.40	1
Tetrachloroethene	ND		ug/kg	1.3	0.19	1
Chlorobenzene	ND		ug/kg	1.3	0.46	1
Trichlorofluoromethane	ND		ug/kg	6.7	0.52	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.15	1
1,1,1-Trichloroethane	ND		ug/kg	1.3	0.15	1
Bromodichloromethane	ND		ug/kg	1.3	0.23	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
cis-1,3-Dichloropropene	ND		ug/kg	1.3	0.16	1
Bromoform	ND		ug/kg	5.3	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.3	0.13	1
Benzene	ND		ug/kg	1.3	0.16	1
Toluene	ND		ug/kg	2.0	0.26	1
Ethylbenzene	ND		ug/kg	1.3	0.17	1
Chloromethane	ND		ug/kg	6.7	0.39	1
Bromomethane	ND		ug/kg	2.7	0.45	1
Vinyl chloride	91		ug/kg	2.7	0.16	1
Chloroethane	ND		ug/kg	2.7	0.42	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.35	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.28	1
Trichloroethene	ND		ug/kg	1.3	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	6.7	0.20	1
1,3-Dichlorobenzene	ND		ug/kg	6.7	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	6.7	0.18	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-03 Date Collected: 07/15/15 10:05

Client ID: MW-7-21-23-71515 Date Received: 07/15/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.7	0.11	1
p/m-Xylene	ND		ug/kg	2.7	0.26	1
o-Xylene	ND		ug/kg	2.7	0.23	1
cis-1,2-Dichloroethene	0.43	J	ug/kg	1.3	0.19	1
Styrene	ND		ug/kg	2.7	0.54	1
Dichlorodifluoromethane	ND		ug/kg	13	0.25	1
Acetone	ND		ug/kg	13	1.4	1
Carbon disulfide	ND		ug/kg	13	1.5	1
2-Butanone	ND		ug/kg	13	0.36	1
4-Methyl-2-pentanone	ND		ug/kg	13	0.32	1
2-Hexanone	ND		ug/kg	13	0.89	1
Bromochloromethane	ND		ug/kg	6.7	0.37	1
1,2-Dibromoethane	ND		ug/kg	5.3	0.23	1
n-Butylbenzene	ND		ug/kg	1.3	0.15	1
sec-Butylbenzene	ND		ug/kg	1.3	0.16	1
tert-Butylbenzene	ND		ug/kg	6.7	0.18	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.7	0.53	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.17	1
Naphthalene	ND		ug/kg	6.7	0.18	1
n-Propylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.7	0.20	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.7	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.7	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.7	0.19	1
Methyl Acetate	ND		ug/kg	27	0.36	1
Cyclohexane	ND		ug/kg	27	0.19	1
1,4-Dioxane	ND		ug/kg	130	19.	1
Freon-113	ND		ug/kg	27	0.36	1
Methyl cyclohexane	ND		ug/kg	5.3	0.21	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	121		70-130
Dibromofluoromethane	100		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID:	L1516325-04	Date Collected:	07/15/15 11:10
Client ID:	MW-7-29-31-71515	Date Received:	07/15/15
Sample Location:	140 CORTLAND AVE. SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/16/15 09:39		
Analyst:	BN		
Percent Solids:	80%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
Bromoform	ND		ug/kg	5.0	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.15	1
Toluene	ND		ug/kg	1.9	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.37	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-04 Date Collected: 07/15/15 11:10

Client ID: MW-7-29-31-71515 Date Received: 07/15/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.83	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.16	1
Naphthalene	ND		ug/kg	6.2	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
Methyl Acetate	ND		ug/kg	25	0.34	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	5.0	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	102		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-05
Client ID: MW-7-41-43-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/16/15 10:06
Analyst: BN
Percent Solids: 80%

Date Collected: 07/15/15 13:15
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
Bromoform	ND		ug/kg	5.0	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.15	1
Toluene	ND		ug/kg	1.9	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.37	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-05 Date Collected: 07/15/15 13:15

Client ID: MW-7-41-43-71515 Date Received: 07/15/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.83	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.16	1
Naphthalene	ND		ug/kg	6.2	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
Methyl Acetate	ND		ug/kg	25	0.34	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	5.0	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	**175**	Q	70-130
Dibromofluoromethane	101		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-05 R
Client ID: MW-7-41-43-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/16/15 11:54
Analyst: BN
Percent Solids: 80%

Date Collected: 07/15/15 13:15
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.9	0.11	1
Chloroform	ND		ug/kg	1.9	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.4	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.9	0.38	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.22	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
Bromoform	ND		ug/kg	5.0	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.15	1
Toluene	ND		ug/kg	1.9	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.37	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	ND		ug/kg	2.5	0.15	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-05 R Date Collected: 07/15/15 13:15

Client ID: MW-7-41-43-71515 Date Received: 07/15/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.25	1
o-Xylene	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.24	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.34	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.83	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
1,2-Dibromoethane	ND		ug/kg	5.0	0.22	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.16	1
Naphthalene	ND		ug/kg	6.2	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
Methyl Acetate	ND		ug/kg	25	0.34	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	5.0	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	122		70-130
4-Bromofluorobenzene	**186**	Q	70-130
Dibromofluoromethane	105		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID:	L1516325-06	Date Collected:	07/15/15 14:00
Client ID:	MW-7-51-53-71515	Date Received:	07/15/15
Sample Location:	140 CORTLAND AVE. SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil		
Analytical Method:	1,8260C		
Analytical Date:	07/16/15 10:33		
Analyst:	BN		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.36	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	0.49	J	ug/kg	2.5	0.14	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-06 Date Collected: 07/15/15 14:00

Client ID: MW-7-51-53-71515 Date Received: 07/15/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.24	1
o-Xylene	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	0.33	J	ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.33	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.82	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.2	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.17	1
Methyl Acetate	ND		ug/kg	25	0.33	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	114		70-130
4-Bromofluorobenzene	**158**	Q	70-130
Dibromofluoromethane	102		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-06 R
Client ID: MW-7-51-53-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/16/15 12:21
Analyst: BN
Percent Solids: 81%

Date Collected: 07/15/15 14:00
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	12	1.4	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.10	1
Chloroform	ND		ug/kg	1.8	0.46	1
Carbon tetrachloride	ND		ug/kg	1.2	0.26	1
1,2-Dichloropropane	ND		ug/kg	4.3	0.28	1
Dibromochloromethane	ND		ug/kg	1.2	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.37	1
Tetrachloroethene	ND		ug/kg	1.2	0.17	1
Chlorobenzene	ND		ug/kg	1.2	0.43	1
Trichlorofluoromethane	ND		ug/kg	6.2	0.48	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.14	1
1,1,1-Trichloroethane	ND		ug/kg	1.2	0.14	1
Bromodichloromethane	ND		ug/kg	1.2	0.21	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.15	1
cis-1,3-Dichloropropene	ND		ug/kg	1.2	0.14	1
Bromoform	ND		ug/kg	4.9	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.2	0.12	1
Benzene	ND		ug/kg	1.2	0.14	1
Toluene	ND		ug/kg	1.8	0.24	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	6.2	0.36	1
Bromomethane	ND		ug/kg	2.5	0.42	1
Vinyl chloride	0.27	J	ug/kg	2.5	0.14	1
Chloroethane	ND		ug/kg	2.5	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.26	1
Trichloroethene	ND		ug/kg	1.2	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	6.2	0.19	1
1,3-Dichlorobenzene	ND		ug/kg	6.2	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	6.2	0.17	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-06 R Date Collected: 07/15/15 14:00

Client ID: MW-7-51-53-71515 Date Received: 07/15/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	2.5	0.10	1
p/m-Xylene	ND		ug/kg	2.5	0.24	1
o-Xylene	ND		ug/kg	2.5	0.21	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.18	1
Styrene	ND		ug/kg	2.5	0.50	1
Dichlorodifluoromethane	ND		ug/kg	12	0.23	1
Acetone	ND		ug/kg	12	1.3	1
Carbon disulfide	ND		ug/kg	12	1.4	1
2-Butanone	ND		ug/kg	12	0.33	1
4-Methyl-2-pentanone	ND		ug/kg	12	0.30	1
2-Hexanone	ND		ug/kg	12	0.82	1
Bromochloromethane	ND		ug/kg	6.2	0.34	1
1,2-Dibromoethane	ND		ug/kg	4.9	0.21	1
n-Butylbenzene	ND		ug/kg	1.2	0.14	1
sec-Butylbenzene	ND		ug/kg	1.2	0.15	1
tert-Butylbenzene	ND		ug/kg	6.2	0.17	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	6.2	0.49	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.15	1
Naphthalene	ND		ug/kg	6.2	0.17	1
n-Propylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.2	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	6.2	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	6.2	0.17	1
Methyl Acetate	ND		ug/kg	25	0.33	1
Cyclohexane	ND		ug/kg	25	0.18	1
1,4-Dioxane	ND		ug/kg	120	18.	1
Freon-113	ND		ug/kg	25	0.34	1
Methyl cyclohexane	ND		ug/kg	4.9	0.19	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	112		70-130
4-Bromofluorobenzene	**149**	Q	70-130
Dibromofluoromethane	101		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-07 D
Client ID: FIELD DUPLICATE-001-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/16/15 12:47
Analyst: BN
Percent Solids: 90%

Date Collected: 07/15/15 00:00
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	55	6.1	5
1,1-Dichloroethane	ND		ug/kg	8.3	0.47	5
Chloroform	ND		ug/kg	8.3	2.0	5
Carbon tetrachloride	ND		ug/kg	5.5	1.2	5
1,2-Dichloropropane	ND		ug/kg	19	1.3	5
Dibromochloromethane	ND		ug/kg	5.5	0.85	5
1,1,2-Trichloroethane	ND		ug/kg	8.3	1.7	5
Tetrachloroethene	ND		ug/kg	5.5	0.78	5
Chlorobenzene	ND		ug/kg	5.5	1.9	5
Trichlorofluoromethane	ND		ug/kg	28	2.2	5
1,2-Dichloroethane	ND		ug/kg	5.5	0.63	5
1,1,1-Trichloroethane	ND		ug/kg	5.5	0.61	5
Bromodichloromethane	ND		ug/kg	5.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/kg	5.5	0.67	5
cis-1,3-Dichloropropene	ND		ug/kg	5.5	0.65	5
Bromoform	ND		ug/kg	22	1.3	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	5.5	0.56	5
Benzene	4.8	J	ug/kg	5.5	0.65	5
Toluene	ND		ug/kg	8.3	1.1	5
Ethylbenzene	ND		ug/kg	5.5	0.71	5
Chloromethane	ND		ug/kg	28	1.6	5
Bromomethane	ND		ug/kg	11	1.9	5
Vinyl chloride	750		ug/kg	11	0.65	5
Chloroethane	ND		ug/kg	11	1.8	5
1,1-Dichloroethene	4.7	J	ug/kg	5.5	1.4	5
trans-1,2-Dichloroethene	15		ug/kg	8.3	1.2	5
Trichloroethene	ND		ug/kg	5.5	0.69	5
1,2-Dichlorobenzene	ND		ug/kg	28	0.85	5
1,3-Dichlorobenzene	ND		ug/kg	28	0.75	5
1,4-Dichlorobenzene	ND		ug/kg	28	0.77	5

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-07 D Date Collected: 07/15/15 00:00

Client ID: FIELD DUPLICATE-001-71515 Date Received: 07/15/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methyl tert butyl ether	ND		ug/kg	11	0.47	5
p/m-Xylene	ND		ug/kg	11	1.1	5
o-Xylene	ND		ug/kg	11	0.95	5
cis-1,2-Dichloroethene	1600		ug/kg	5.5	0.79	5
Styrene	ND		ug/kg	11	2.2	5
Dichlorodifluoromethane	ND		ug/kg	55	1.0	5
Acetone	ND		ug/kg	55	5.7	5
Carbon disulfide	29	J	ug/kg	55	6.1	5
2-Butanone	ND		ug/kg	55	1.5	5
4-Methyl-2-pentanone	ND		ug/kg	55	1.4	5
2-Hexanone	ND		ug/kg	55	3.7	5
Bromochloromethane	ND		ug/kg	28	1.5	5
1,2-Dibromoethane	ND		ug/kg	22	0.97	5
n-Butylbenzene	ND		ug/kg	5.5	0.64	5
sec-Butylbenzene	ND		ug/kg	5.5	0.68	5
tert-Butylbenzene	ND		ug/kg	28	0.75	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	28	2.2	5
Isopropylbenzene	ND		ug/kg	5.5	0.58	5
p-Isopropyltoluene	ND		ug/kg	5.5	0.69	5
Naphthalene	ND		ug/kg	28	0.77	5
n-Propylbenzene	ND		ug/kg	5.5	0.60	5
1,2,3-Trichlorobenzene	ND		ug/kg	28	0.82	5
1,2,4-Trichlorobenzene	ND		ug/kg	28	1.0	5
1,3,5-Trimethylbenzene	ND		ug/kg	28	0.79	5
1,2,4-Trimethylbenzene	ND		ug/kg	28	0.78	5
Methyl Acetate	ND		ug/kg	110	1.5	5
Cyclohexane	ND		ug/kg	110	0.81	5
1,4-Dioxane	ND		ug/kg	550	80.	5
Freon-113	ND		ug/kg	110	1.5	5
Methyl cyclohexane	ND		ug/kg	22	0.86	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	101		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/16/15 08:44
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG803326-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/16/15 08:44
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG803326-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/16/15 08:44
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG803326-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/16/15 08:44
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG803326-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	83		70-130
Dibromofluoromethane	106		70-130

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/16/15 08:45
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-07 Batch: WG803351-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	0.30	J	ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/16/15 08:45
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-07 Batch: WG803351-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	ND		ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/16/15 08:45
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-07 Batch: WG803351-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/16/15 08:45
Analyst: BN

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 03-07 Batch: WG803351-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516325

Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG803326-1 WG803326-2								
Methylene chloride	100		96		70-130	4		30
1,1-Dichloroethane	105		99		70-130	6		30
Chloroform	104		102		70-130	2		30
Carbon tetrachloride	111		102		70-130	8		30
1,2-Dichloropropane	92		91		70-130	1		30
Dibromochloromethane	100		100		70-130	0		30
2-Chloroethylvinyl ether	70		75		70-130	7		30
1,1,2-Trichloroethane	99		101		70-130	2		30
Tetrachloroethene	108		100		70-130	8		30
Chlorobenzene	100		97		70-130	3		30
Trichlorofluoromethane	**141**	Q	122		70-139	14		30
1,2-Dichloroethane	107		105		70-130	2		30
1,1,1-Trichloroethane	107		97		70-130	10		30
Bromodichloromethane	97		94		70-130	3		30
trans-1,3-Dichloropropene	93		92		70-130	1		30
cis-1,3-Dichloropropene	89		88		70-130	1		30
1,1-Dichloropropene	93		86		70-130	8		30
Bromoform	93		94		70-130	1		30
1,1,2,2-Tetrachloroethane	90		92		70-130	2		30
Benzene	98		94		70-130	4		30
Toluene	101		95		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516325

Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG803326-1 WG803326-2								
Ethylbenzene	98		93		70-130	5		30
Chloromethane	105		95		52-130	10		30
Bromomethane	124		114		57-147	8		30
Vinyl chloride	88		80		67-130	10		30
Chloroethane	108		99		50-151	9		30
1,1-Dichloroethene	102		91		65-135	11		30
trans-1,2-Dichloroethene	99		92		70-130	7		30
Trichloroethene	103		97		70-130	6		30
1,2-Dichlorobenzene	100		100		70-130	0		30
1,3-Dichlorobenzene	105		102		70-130	3		30
1,4-Dichlorobenzene	103		101		70-130	2		30
Methyl tert butyl ether	87		88		66-130	1		30
p/m-Xylene	103		98		70-130	5		30
o-Xylene	99		96		70-130	3		30
cis-1,2-Dichloroethene	95		91		70-130	4		30
Dibromomethane	96		96		70-130	0		30
Styrene	103		101		70-130	2		30
Dichlorodifluoromethane	119		104		30-146	13		30
Acetone	98		102		54-140	4		30
Carbon disulfide	86		76		59-130	12		30
2-Butanone	86		88		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516325

Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG803326-1 WG803326-2								
Vinyl acetate	76		80		70-130	5		30
4-Methyl-2-pentanone	**65**	Q	71		70-130	9		30
1,2,3-Trichloropropane	91		93		68-130	2		30
2-Hexanone	**58**	Q	**64**	Q	70-130	10		30
Bromochloromethane	109		104		70-130	5		30
2,2-Dichloropropane	102		93		70-130	9		30
1,2-Dibromoethane	95		96		70-130	1		30
1,3-Dichloropropane	94		94		69-130	0		30
1,1,1,2-Tetrachloroethane	104		102		70-130	2		30
Bromobenzene	97		95		70-130	2		30
n-Butylbenzene	105		98		70-130	7		30
sec-Butylbenzene	98		92		70-130	6		30
tert-Butylbenzene	92		86		70-130	7		30
o-Chlorotoluene	101		96		70-130	5		30
p-Chlorotoluene	95		91		70-130	4		30
1,2-Dibromo-3-chloropropane	72		78		68-130	8		30
Hexachlorobutadiene	100		93		67-130	7		30
Isopropylbenzene	91		85		70-130	7		30
p-Isopropyltoluene	99		93		70-130	6		30
Naphthalene	78		83		70-130	6		30
Acrylonitrile	92		98		70-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516325

Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG803326-1 WG803326-2								
Diisopropyl Ether	89		88		66-130	1		30
Tert-Butyl Alcohol	70		76		70-130	8		30
n-Propylbenzene	96		90		70-130	6		30
1,2,3-Trichlorobenzene	93		95		70-130	2		30
1,2,4-Trichlorobenzene	92		93		70-130	1		30
1,3,5-Trimethylbenzene	98		93		70-130	5		30
1,2,4-Trimethylbenzene	96		93		70-130	3		30
Methyl Acetate	92		95		51-146	3		30
Ethyl Acetate	84		88		70-130	5		30
Acrolein	**61**	Q	**62**	Q	70-130	2		30
Cyclohexane	100		90		59-142	11		30
1,4-Dioxane	86		91		65-136	6		30
Freon-113	118		102		50-139	15		30
p-Diethylbenzene	97		92		70-130	5		30
p-Ethyltoluene	99		93		70-130	6		30
1,2,4,5-Tetramethylbenzene	86		86		70-130	0		30
Tetrahydrofuran	75		87		66-130	15		30
Ethyl ether	95		96		67-130	1		30
trans-1,4-Dichloro-2-butene	92		95		70-130	3		30
Methyl cyclohexane	97		87		70-130	11		30
Ethyl-Tert-Butyl-Ether	86		87		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516325

Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG803326-1 WG803326-2								
Tertiary-Amyl Methyl Ether	79		81		70-130	3		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		112		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	85		85		70-130
Dibromofluoromethane	109		108		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516325

Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-07 Batch: WG803351-1 WG803351-2								
Methylene chloride	90		88		70-130	2		30
1,1-Dichloroethane	94		92		70-130	2		30
Chloroform	96		94		70-130	2		30
Carbon tetrachloride	102		99		70-130	3		30
1,2-Dichloropropane	93		93		70-130	0		30
Dibromochloromethane	99		98		70-130	1		30
2-Chloroethylvinyl ether	92		93		70-130	1		30
1,1,2-Trichloroethane	98		97		70-130	1		30
Tetrachloroethene	109		105		70-130	4		30
Chlorobenzene	101		100		70-130	1		30
Trichlorofluoromethane	116		112		70-139	4		30
1,2-Dichloroethane	90		89		70-130	1		30
1,1,1-Trichloroethane	100		97		70-130	3		30
Bromodichloromethane	92		92		70-130	0		30
trans-1,3-Dichloropropene	95		94		70-130	1		30
cis-1,3-Dichloropropene	93		91		70-130	2		30
1,1-Dichloropropene	101		97		70-130	4		30
Bromoform	102		102		70-130	0		30
1,1,2,2-Tetrachloroethane	97		98		70-130	1		30
Benzene	94		92		70-130	2		30
Toluene	100		97		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516325

Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-07 Batch: WG803351-1 WG803351-2								
Ethylbenzene	103		99		70-130	4		30
Chloromethane	77		76		52-130	1		30
Bromomethane	122		119		57-147	2		30
Vinyl chloride	88		84		67-130	5		30
Chloroethane	103		99		50-151	4		30
1,1-Dichloroethene	108		101		65-135	7		30
trans-1,2-Dichloroethene	97		93		70-130	4		30
Trichloroethene	99		97		70-130	2		30
1,2-Dichlorobenzene	102		102		70-130	0		30
1,3-Dichlorobenzene	105		103		70-130	2		30
1,4-Dichlorobenzene	105		102		70-130	3		30
Methyl tert butyl ether	91		90		66-130	1		30
p/m-Xylene	104		101		70-130	3		30
o-Xylene	102		100		70-130	2		30
cis-1,2-Dichloroethene	97		95		70-130	2		30
Dibromomethane	95		94		70-130	1		30
Styrene	103		100		70-130	3		30
Dichlorodifluoromethane	96		91		30-146	5		30
Acetone	86		86		54-140	0		30
Carbon disulfide	100		97		59-130	3		30
2-Butanone	87		87		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516325
Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-07 Batch: WG803351-1 WG803351-2								
Vinyl acetate	86		84		70-130	2		30
4-Methyl-2-pentanone	92		91		70-130	1		30
1,2,3-Trichloropropane	98		98		68-130	0		30
2-Hexanone	79		78		70-130	1		30
Bromochloromethane	102		99		70-130	3		30
2,2-Dichloropropane	96		90		70-130	6		30
1,2-Dibromoethane	98		99		70-130	1		30
1,3-Dichloropropane	98		96		69-130	2		30
1,1,1,2-Tetrachloroethane	102		99		70-130	3		30
Bromobenzene	102		102		70-130	0		30
n-Butylbenzene	108		106		70-130	2		30
sec-Butylbenzene	107		104		70-130	3		30
tert-Butylbenzene	106		103		70-130	3		30
o-Chlorotoluene	101		99		70-130	2		30
p-Chlorotoluene	103		102		70-130	1		30
1,2-Dibromo-3-chloropropane	100		102		68-130	2		30
Hexachlorobutadiene	110		108		67-130	2		30
Isopropylbenzene	104		101		70-130	3		30
p-Isopropyltoluene	107		104		70-130	3		30
Naphthalene	96		95		70-130	1		30
Acrylonitrile	92		92		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516325
Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-07 Batch: WG803351-1 WG803351-2								
Diisopropyl Ether	87		85		66-130	2		30
Tert-Butyl Alcohol	91		89		70-130	2		30
n-Propylbenzene	104		102		70-130	2		30
1,2,3-Trichlorobenzene	102		101		70-130	1		30
1,2,4-Trichlorobenzene	107		104		70-130	3		30
1,3,5-Trimethylbenzene	105		103		70-130	2		30
1,2,4-Trimethylbenzene	102		101		70-130	1		30
Methyl Acetate	81		82		51-146	1		30
Ethyl Acetate	75		78		70-130	4		30
Acrolein	90		85		70-130	6		30
Cyclohexane	106		99		59-142	7		30
1,4-Dioxane	94		99		65-136	5		30
Freon-113	109		104		50-139	5		30
p-Diethylbenzene	103		100		70-130	3		30
p-Ethyltoluene	101		99		70-130	2		30
1,2,4,5-Tetramethylbenzene	99		97		70-130	2		30
Tetrahydrofuran	79		85		66-130	7		30
Ethyl ether	98		95		67-130	3		30
trans-1,4-Dichloro-2-butene	89		89		70-130	0		30
Methyl cyclohexane	109		103		70-130	6		30
Ethyl-Tert-Butyl-Ether	90		88		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516325

Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-07 Batch: WG803351-1 WG803351-2								
Tertiary-Amyl Methyl Ether	91		90		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		95		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	100		99		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG803326-4 WG803326-5 QC Sample: L1516325-01 Client ID: MW-7-7-9-71515												
Methylene chloride	ND	71.3	58	81		54	76		70-130	6		30
1,1-Dichloroethane	ND	71.3	58	82		54	75		70-130	8		30
Chloroform	ND	71.3	60	84		55	76		70-130	10		30
Carbon tetrachloride	ND	71.3	53	74		47	**66**	Q	70-130	12		30
1,2-Dichloropropane	ND	71.3	56	78		51	71		70-130	10		30
Dibromochloromethane	ND	71.3	52	72		46	**65**	Q	70-130	11		30
2-Chloroethylvinyl ether	ND	71.3	52J	73		46.J	**65**	Q	70-130	12		30
1,1,2-Trichloroethane	ND	71.3	460	**645**	Q	450	**627**	Q	70-130	3		30
Tetrachloroethene	ND	71.3	50	71		44	**62**	Q	70-130	14		30
Chlorobenzene	ND	71.3	53	74		46	**65**	Q	70-130	14		30
Trichlorofluoromethane	ND	71.3	55	78		50	70		70-139	11		30
1,2-Dichloroethane	ND	71.3	57	80		52	73		70-130	9		30
1,1,1-Trichloroethane	ND	71.3	57	80		51	72		70-130	11		30
Bromodichloromethane	ND	71.3	54	75		48	**67**	Q	70-130	11		30
trans-1,3-Dichloropropene	ND	71.3	50	70		44	**62**	Q	70-130	13		30
cis-1,3-Dichloropropene	ND	71.3	52	72		46	**64**	Q	70-130	12		30
1,1-Dichloropropene	ND	71.3	52	73		47	**66**	Q	70-130	10		30
Bromoform	ND	71.3	48	**67**	Q	42	**59**	Q	70-130	12		30
1,1,2,2-Tetrachloroethane	ND	71.3	91	128		64	89		70-130	**36**	Q	30
Benzene	ND	71.3	57	80		53	74		70-130	8		30
Toluene	ND	71.3	54	76		49	**68**	Q	70-130	11		30

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516325
Report Date: 07/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG803326-4 WG803326-5 QC Sample: L1516325-01 Client ID: MW-7-7-9-71515												
Ethylbenzene	ND	71.3	47	**66**	Q	41	**57**	Q	70-130	15		30
Chloromethane	ND	71.3	47	66		42	59		52-130	11		30
Bromomethane	ND	71.3	66	92		58	81		57-147	12		30
Vinyl chloride	ND	71.3	45	**63**	Q	46	**64**	Q	67-130	2		30
Chloroethane	ND	71.3	56	79		53	74		50-151	7		30
1,1-Dichloroethene	ND	71.3	56	78		52	73		65-135	7		30
trans-1,2-Dichloroethene	ND	71.3	59	82		53	74		70-130	10		30
Trichloroethene	ND	71.3	58	81		52	74		70-130	10		30
1,2-Dichlorobenzene	ND	71.3	39	**54**	Q	32	**45**	Q	70-130	19		30
1,3-Dichlorobenzene	ND	71.3	40	**56**	Q	32	**45**	Q	70-130	20		30
1,4-Dichlorobenzene	ND	71.3	40	**56**	Q	33	**46**	Q	70-130	21		30
Methyl tert butyl ether	ND	71.3	54	75		51	72		66-130	5		30
p/m-Xylene	ND	143	96	**68**	Q	83	**58**	Q	70-130	15		30
o-Xylene	ND	143	98	**69**	Q	84	**58**	Q	70-130	16		30
cis-1,2-Dichloroethene	ND	71.3	60	84		56	78		70-130	7		30
Dibromomethane	ND	71.3	56	79		52	72		70-130	9		30
Styrene	ND	143	96	**67**	Q	81	**57**	Q	70-130	17		30
Dichlorodifluoromethane	ND	71.3	37	52		34.J	48		30-146	8		30
Acetone	86	71.3	210	**172**	Q	270	**258**	Q	54-140	25		30
Carbon disulfide	ND	71.3	48	67		40	**56**	Q	59-130	17		30
2-Butanone	19.J	71.3	95	**134**	Q	110	**151**	Q	70-130	12		30

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516325
Report Date: 07/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG803326-4 WG803326-5 QC Sample: L1516325-01 Client ID: MW-7-7-9-71515												
Vinyl acetate	ND	71.3	38	**54**	Q	27.J	**37**	Q	70-130	**35**	Q	30
4-Methyl-2-pentanone	ND	71.3	66	93		60	84		70-130	9		30
1,2,3-Trichloropropane	ND	71.3	49	69		45	**64**	Q	68-130	8		30
2-Hexanone	ND	71.3	63	89		63	88		70-130	1		30
Bromochloromethane	ND	71.3	65	91		60	84		70-130	8		30
2,2-Dichloropropane	ND	71.3	56	79		51	71		70-130	10		30
1,2-Dibromoethane	ND	71.3	57	79		51	72		70-130	10		30
1,3-Dichloropropane	ND	71.3	54	76		50	70		69-130	9		30
1,1,1,2-Tetrachloroethane	ND	71.3	51	72		45	**63**	Q	70-130	13		30
Bromobenzene	ND	71.3	46	**65**	Q	41	**57**	Q	70-130	13		30
n-Butylbenzene	56	71.3	160	**143**	Q	170	**156**	Q	70-130	6		30
sec-Butylbenzene	76	71.3	250	**242**	Q	230	**220**	Q	70-130	7		30
tert-Butylbenzene	2.8J	71.3	42	**59**	Q	35	**49**	Q	70-130	18		30
o-Chlorotoluene	ND	71.3	40	**56**	Q	33	**46**	Q	70-130	20		30
p-Chlorotoluene	ND	71.3	40	**56**	Q	34	**47**	Q	70-130	17		30
1,2-Dibromo-3-chloropropane	ND	71.3	94	**132**	Q	68	95		68-130	**32**	Q	30
Hexachlorobutadiene	ND	71.3	19	**26**	Q	14.J	**19**	Q	67-130	30		30
Isopropylbenzene	21	71.3	98	107		94	103		70-130	4		30
p-Isopropyltoluene	ND	71.3	34	**47**	Q	26	**37**	Q	70-130	24		30
Naphthalene	ND	71.3	130	**181**	Q	110	**151**	Q	70-130	18		30
Acrylonitrile	ND	71.3	56	79		52	72		70-130	9		30

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516325
Report Date: 07/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG803326-4 WG803326-5 QC Sample: L1516325-01 Client ID: MW-7-7-9-71515												
Diisopropyl Ether	ND	71.3	51	71		47	66		66-130	8		30
Tert-Butyl Alcohol	ND	357	230	**64**	Q	240	**68**	Q	70-130	5		30
n-Propylbenzene	14	71.3	69	78		72	82		70-130	4		30
1,2,3-Trichlorobenzene	ND	71.3	69	96		51	72		70-130	30		30
1,2,4-Trichlorobenzene	ND	71.3	24	**34**	Q	21	**29**	Q	70-130	17		30
1,3,5-Trimethylbenzene	ND	71.3	37	**52**	Q	30	**43**	Q	70-130	20		30
1,2,4-Trimethylbenzene	ND	71.3	39	**54**	Q	32	**45**	Q	70-130	19		30
Methyl Acetate	ND	71.3	54J	76		53.J	74		51-146	3		30
Ethyl Acetate	ND	71.3	54J	75		56.J	78		70-130	4		30
Cyclohexane	ND	71.3	39J	**55**	Q	33.J	**46**	Q	59-142	16		30
1,4-Dioxane	ND	3570	3400	95		3500	98		65-136	2		30
Freon-113	ND	71.3	50J	70		44.J	61		50-139	14		30
p-Diethylbenzene	53	71.3	170	**164**	Q	150	**142**	Q	70-130	10		30
p-Ethyltoluene	ND	71.3	40	**56**	Q	33	**46**	Q	70-130	18		30
1,2,4,5-Tetramethylbenzene	200	71.3	500	**422**	Q	450	**345**	Q	70-130	12		30
Tetrahydrofuran	ND	71.3	52J	72		50.J	70		66-130	3		30
Ethyl ether	ND	71.3	59	82		54	75		67-130	9		30
trans-1,4-Dichloro-2-butene	ND	71.3	55	77		42	**59**	Q	70-130	26		30
Methyl cyclohexane	4.5J	71.3	50	70		45	**63**	Q	70-130	10		30
Ethyl-Tert-Butyl-Ether	ND	71.3	51	71		49	**68**	Q	70-130	4		30
Tertiary-Amyl Methyl Ether	ND	71.3	49	**69**	Q	47	**66**	Q	70-130	5		30

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516325
Report Date: 07/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG803326-4 WG803326-5 QC Sample: L1516325-01 Client ID: MW-7-7-9-71515												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		96		70-130
4-Bromofluorobenzene	129		121		70-130
Dibromofluoromethane	104		102		70-130
Toluene-d8	107		105		70-130

SEMIVOLATILES

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID:	L1516325-01	Date Collected:	07/15/15 09:30
Client ID:	MW-7-7-9-71515	Date Received:	07/15/15
Sample Location:	140 CORTLAND AVE. SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Soil	Extraction Method:	EPA 3546
Analytical Method:	1,8270D	Extraction Date:	07/16/15 02:58
Analytical Date:	07/16/15 11:38		
Analyst:	PS		
Percent Solids:	70%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	48	J	ug/kg	190	48.	1
1,2,4-Trichlorobenzene	ND		ug/kg	230	76.	1
Hexachlorobenzene	ND		ug/kg	140	44.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	66.	1
2-Chloronaphthalene	ND		ug/kg	230	76.	1
1,2-Dichlorobenzene	ND		ug/kg	230	77.	1
1,3-Dichlorobenzene	ND		ug/kg	230	74.	1
1,4-Dichlorobenzene	ND		ug/kg	230	71.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	50.	1
2,6-Dinitrotoluene	ND		ug/kg	230	60.	1
Fluoranthene	320		ug/kg	140	43.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	71.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	54.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	82.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	71.	1
Hexachlorobutadiene	ND		ug/kg	230	66.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	150	1
Hexachloroethane	ND		ug/kg	190	42.	1
Isophorone	ND		ug/kg	210	62.	1
Naphthalene	240		ug/kg	230	78.	1
Nitrobenzene	ND		ug/kg	210	56.	1
NDPA/DPA	ND		ug/kg	190	49.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	70.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	61.	1
Butyl benzyl phthalate	ND		ug/kg	230	46.	1
Di-n-butylphthalate	ND		ug/kg	230	45.	1
Di-n-octylphthalate	ND		ug/kg	230	57.	1
Diethyl phthalate	ND		ug/kg	230	49.	1
Dimethyl phthalate	ND		ug/kg	230	59.	1

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516325

Project Number: 21.0056730.40 **Report Date:** 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-01 Date Collected: 07/15/15 09:30

Client ID: MW-7-7-9-71515 Date Received: 07/15/15

Sample Location: 140 CORTLAND AVE. SYRACUSE, NY 13202 Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(a)anthracene	170		ug/kg	140	46.	1
Benzo(a)pyrene	190		ug/kg	190	57.	1
Benzo(b)fluoranthene	160		ug/kg	140	47.	1
Benzo(k)fluoranthene	160		ug/kg	140	44.	1
Chrysene	170		ug/kg	140	46.	1
Acenaphthylene	ND		ug/kg	190	44.	1
Anthracene	78	J	ug/kg	140	39.	1
Benzo(ghi)perylene	110	J	ug/kg	190	48.	1
Fluorene	80	J	ug/kg	230	67.	1
Phenanthrene	290		ug/kg	140	46.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	45.	1
Indeno(1,2,3-cd)pyrene	100	J	ug/kg	190	52.	1
Pyrene	290		ug/kg	140	45.	1
Biphenyl	ND		ug/kg	530	77.	1
4-Chloroaniline	ND		ug/kg	230	62.	1
2-Nitroaniline	ND		ug/kg	230	66.	1
3-Nitroaniline	ND		ug/kg	230	64.	1
4-Nitroaniline	ND		ug/kg	230	63.	1
Dibenzofuran	ND		ug/kg	230	78.	1
2-Methylnaphthalene	220	J	ug/kg	280	75.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	72.	1
Acetophenone	ND		ug/kg	230	72.	1
Benzyl Alcohol	ND		ug/kg	230	72.	1
Carbazole	ND		ug/kg	230	50.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	82		30-120
4-Terphenyl-d14	87		18-120

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516325
Report Date: 07/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/16/15 09:31
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/16/15 02:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG803175-1					
Acenaphthene	ND		ug/kg	130	33.
1,2,4-Trichlorobenzene	ND		ug/kg	160	53.
Hexachlorobenzene	ND		ug/kg	97	30.
Bis(2-chloroethyl)ether	ND		ug/kg	140	45.
2-Chloronaphthalene	ND		ug/kg	160	53.
1,2-Dichlorobenzene	ND		ug/kg	160	53.
1,3-Dichlorobenzene	ND		ug/kg	160	51.
1,4-Dichlorobenzene	ND		ug/kg	160	49.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	35.
2,6-Dinitrotoluene	ND		ug/kg	160	41.
Fluoranthene	ND		ug/kg	97	30.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	49.
4-Bromophenyl phenyl ether	ND		ug/kg	160	37.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	57.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	49.
Hexachlorobutadiene	ND		ug/kg	160	46.
Hexachlorocyclopentadiene	ND		ug/kg	460	100
Hexachloroethane	ND		ug/kg	130	29.
Isophorone	ND		ug/kg	140	43.
Naphthalene	ND		ug/kg	160	54.
Nitrobenzene	ND		ug/kg	140	38.
NitrosoDiPhenylAmine(NDPA)/DPA	ND		ug/kg	130	34.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	48.
Bis(2-Ethylhexyl)phthalate	ND		ug/kg	160	42.
Butyl benzyl phthalate	ND		ug/kg	160	32.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	40.
Diethyl phthalate	ND		ug/kg	160	34.

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516325
Report Date: 07/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/16/15 09:31
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/16/15 02:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG803175-1					
Dimethyl phthalate	ND		ug/kg	160	41.
Benzo(a)anthracene	ND		ug/kg	97	32.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	33.
Benzo(k)fluoranthene	ND		ug/kg	97	31.
Chrysene	ND		ug/kg	97	32.
Acenaphthylene	ND		ug/kg	130	30.
Anthracene	ND		ug/kg	97	27.
Benzo(ghi)perylene	ND		ug/kg	130	34.
Fluorene	ND		ug/kg	160	46.
Phenanthrene	ND		ug/kg	97	32.
Dibenzo(a,h)anthracene	ND		ug/kg	97	31.
Indeno(1,2,3-cd)Pyrene	ND		ug/kg	130	36.
Pyrene	ND		ug/kg	97	32.
Biphenyl	ND		ug/kg	370	53.
4-Chloroaniline	ND		ug/kg	160	43.
2-Nitroaniline	ND		ug/kg	160	46.
3-Nitroaniline	ND		ug/kg	160	45.
4-Nitroaniline	ND		ug/kg	160	44.
Dibenzofuran	ND		ug/kg	160	54.
2-Methylnaphthalene	ND		ug/kg	190	52.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	50.
Acetophenone	ND		ug/kg	160	50.
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	35.

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/16/15 09:31
Analyst: PS

Extraction Method: EPA 3546
Extraction Date: 07/16/15 02:58

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01 Batch: WG803175-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	77		30-120
4-Terphenyl-d14	100		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516325

Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG803175-2 WG803175-3								
Acenaphthene	80		91		31-137	13		50
1,2,4-Trichlorobenzene	77		86		38-107	11		50
Hexachlorobenzene	101		86		40-140	16		50
Bis(2-chloroethyl)ether	77		87		40-140	12		50
2-Chloronaphthalene	70		88		40-140	23		50
1,2-Dichlorobenzene	74		83		40-140	11		50
1,3-Dichlorobenzene	74		82		40-140	10		50
1,4-Dichlorobenzene	73		81		28-104	10		50
3,3'-Dichlorobenzidine	65		66		40-140	2		50
2,4-Dinitrotoluene	**90**	Q	**93**	Q	28-89	3		50
2,6-Dinitrotoluene	84		104		40-140	21		50
Fluoranthene	91		99		40-140	8		50
4-Chlorophenyl phenyl ether	97		82		40-140	17		50
4-Bromophenyl phenyl ether	99		83		40-140	18		50
Bis(2-chloroisopropyl)ether	72		80		40-140	11		50
Bis(2-chloroethoxy)methane	78		92		40-117	16		50
Hexachlorobutadiene	73		81		40-140	10		50
Hexachlorocyclopentadiene	89		93		40-140	4		50
Hexachloroethane	73		81		40-140	10		50
Isophorone	78		91		40-140	15		50
Naphthalene	78		89		40-140	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516325

Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG803175-2 WG803175-3								
Nitrobenzene	89		100		40-140	12		50
NitrosoDiPhenylAmine(NDPA)/DPA	107		90		36-157	17		50
n-Nitrosodi-n-propylamine	79		90		32-121	13		50
Bis(2-Ethylhexyl)phthalate	98		108		40-140	10		50
Butyl benzyl phthalate	99		111		40-140	11		50
Di-n-butylphthalate	97		106		40-140	9		50
Di-n-octylphthalate	83		97		40-140	16		50
Diethyl phthalate	102		87		40-140	16		50
Dimethyl phthalate	85		95		40-140	11		50
Benzo(a)anthracene	94		101		40-140	7		50
Benzo(a)pyrene	95		103		40-140	8		50
Benzo(b)fluoranthene	90		94		40-140	4		50
Benzo(k)fluoranthene	91		92		40-140	1		50
Chrysene	90		95		40-140	5		50
Acenaphthylene	74		94		40-140	24		50
Anthracene	89		96		40-140	8		50
Benzo(ghi)perylene	92		100		40-140	8		50
Fluorene	98		85		40-140	14		50
Phenanthrene	83		90		40-140	8		50
Dibenzo(a,h)anthracene	91		99		40-140	8		50
Indeno(1,2,3-cd)Pyrene	94		102		40-140	8		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516325

Report Date: 07/16/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 Batch: WG803175-2 WG803175-3								
Pyrene	90		97		35-142	7		50
Biphenyl	81		92		54-104	13		50
4-Chloroaniline	56		58		40-140	4		50
2-Nitroaniline	78		98		47-134	23		50
3-Nitroaniline	76		82		26-129	8		50
4-Nitroaniline	110		93		41-125	17		50
Dibenzofuran	83		84		40-140	1		50
2-Methylnaphthalene	77		90		40-140	16		50
1,2,4,5-Tetrachlorobenzene	90		90		40-117	0		50
Acetophenone	83		94		14-144	12		50
Benzyl Alcohol	82		93		40-140	13		50
Carbazole	91		99		54-128	8		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Nitrobenzene-d5	92		105		23-120
2-Fluorobiphenyl	76		91		30-120
4-Terphenyl-d14	90		98		18-120

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG803175-4 WG803175-5 QC Sample: L1516325-01 Client ID: MW-7-7-9-71515												
Acenaphthene	48.J	1860	1700	92		1800	97		31-137	6		50
1,2,4-Trichlorobenzene	ND	1860	1600	86		1500	81		38-107	6		50
Hexachlorobenzene	ND	1860	1600	86		1700	92		40-140	6		50
Bis(2-chloroethyl)ether	ND	1860	1600	86		1500	81		40-140	6		50
2-Chloronaphthalene	ND	1860	1600	86		1600	87		40-140	0		50
1,2-Dichlorobenzene	ND	1860	1500	81		1500	81		40-140	0		50
1,3-Dichlorobenzene	ND	1860	1500	81		1500	81		40-140	0		50
1,4-Dichlorobenzene	ND	1860	1500	81		1500	81		28-104	0		50
3,3'-Dichlorobenzidine	ND	1860	1400	75		1400	76		40-140	0		50
2,4-Dinitrotoluene	ND	1860	1800	**97**	Q	1700	**92**	Q	28-89	6		50
2,6-Dinitrotoluene	ND	1860	1800	97		1800	97		40-140	0		50
Fluoranthene	320	1860	2200	100		2600	120		40-140	17		50
4-Chlorophenyl phenyl ether	ND	1860	1600	86		1600	87		40-140	0		50
4-Bromophenyl phenyl ether	ND	1860	1600	86		1700	92		40-140	6		50
Bis(2-chloroisopropyl)ether	ND	1860	1400	75		1400	76		40-140	0		50
Bis(2-chloroethoxy)methane	ND	1860	1700	92		1600	87		40-117	6		50
Hexachlorobutadiene	ND	1860	1400	75		1500	81		40-140	7		50
Hexachlorocyclopentadiene	ND	1860	1400	75		1300	70		40-140	7		50
Hexachloroethane	ND	1860	1400	75		1500	81		40-140	7		50
Isophorone	ND	1860	1600	86		1600	87		40-140	0		50
Naphthalene	240	1860	2000	95		2100	100		40-140	5		50

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516325
Report Date: 07/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG803175-4 WG803175-5 QC Sample: L1516325-01 Client ID: MW-7-7-9-71515												
Nitrobenzene	ND	1860	1800	97		1800	97		40-140	0		50
NitrosoDiPhenylAmine(NDPA)/DPA	ND	1860	1800	97		1900	100		36-157	5		50
n-Nitrosodi-n-propylamine	ND	1860	1600	86		1600	87		32-121	0		50
Bis(2-Ethylhexyl)phthalate	ND	1860	2100	110		2000	110		40-140	5		50
Butyl benzyl phthalate	ND	1860	2100	110		1900	100		40-140	10		50
Di-n-butylphthalate	ND	1860	2000	110		1900	100		40-140	5		50
Di-n-octylphthalate	ND	1860	1900	100		1800	97		40-140	5		50
Diethyl phthalate	ND	1860	1700	92		1600	87		40-140	6		50
Dimethyl phthalate	ND	1860	1700	92		1600	87		40-140	6		50
Benzo(a)anthracene	170	1860	2000	99		2100	100		40-140	5		50
Benzo(a)pyrene	190	1860	2000	110		2100	110		40-140	5		50
Benzo(b)fluoranthene	160	1860	1900	94		2000	100		40-140	5		50
Benzo(k)fluoranthene	160	1860	1900	94		1900	94		40-140	0		50
Chrysene	170	1860	1900	93		2000	99		40-140	5		50
Acenaphthylene	ND	1860	1700	92		1700	92		40-140	0		50
Anthracene	78.J	1860	1800	97		1800	97		40-140	0		50
Benzo(ghi)perylene	110J	1860	1700	92		1900	100		40-140	11		50
Fluorene	80.J	1860	1800	97		1800	97		40-140	0		50
Phenanthrene	290	1860	2000	92		2400	110		40-140	18		50
Dibenzo(a,h)anthracene	ND	1860	1800	97		1800	97		40-140	0		50
Indeno(1,2,3-cd)Pyrene	100J	1860	1900	100		2000	110		40-140	5		50

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516325
Report Date: 07/16/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01 QC Batch ID: WG803175-4 WG803175-5 QC Sample: L1516325-01 Client ID: MW-7-7-9-71515												
Pyrene	290	1860	2100	97		2400	110		35-142	13		50
Biphenyl	ND	1860	1700	92		1600	87		54-104	6		50
4-Chloroaniline	ND	1860	1000	54		1200	65		40-140	18		50
2-Nitroaniline	ND	1860	1800	97		1800	97		47-134	0		50
3-Nitroaniline	ND	1860	1400	75		1500	81		26-129	7		50
4-Nitroaniline	ND	1860	1700	92		1700	92		41-125	0		50
Dibenzofuran	ND	1860	1700	92		1700	92		40-140	0		50
2-Methylnaphthalene	220J	1860	1900	100		2300	120		40-140	19		50
1,2,4,5-Tetrachlorobenzene	ND	1860	1600	86		1600	87		40-117	0		50
Acetophenone	ND	1860	1700	92		1700	92		14-144	0		50
Benzyl Alcohol	ND	1860	1700	92		1600	87		40-140	6		50
Carbazole	ND	1860	1800	97		1800	97		54-128	0		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2-Fluorobiphenyl	84		83		30-120
4-Terphenyl-d14	87		84		18-120
Nitrobenzene-d5	100		101		23-120

INORGANICS
&
MISCELLANEOUS

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-01
Client ID: MW-7-7-9-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY
Matrix: Soil

Date Collected: 07/15/15 09:30
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.1		%	0.100	NA	1	-	07/16/15 02:36	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-02
Client ID: MW-7-19-21-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY
Matrix: Soil

Date Collected: 07/15/15 10:00
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.0		%	0.100	NA	1	-	07/16/15 02:36	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-03
Client ID: MW-7-21-23-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY
Matrix: Soil

Date Collected: 07/15/15 10:05
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	75.0		%	0.100	NA	1	-	07/16/15 02:36	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-04
Client ID: MW-7-29-31-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY
Matrix: Soil

Date Collected: 07/15/15 11:10
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.3		%	0.100	NA	1	-	07/16/15 02:36	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-05
Client ID: MW-7-41-43-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY
Matrix: Soil

Date Collected: 07/15/15 13:15
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.3		%	0.100	NA	1	-	07/16/15 02:36	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-06
Client ID: MW-7-51-53-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY
Matrix: Soil

Date Collected: 07/15/15 14:00
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.2		%	0.100	NA	1	-	07/16/15 02:36	30,2540G	RT

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

SAMPLE RESULTS

Lab ID: L1516325-07
Client ID: FIELD DUPLICATE-001-71515
Sample Location: 140 CORTLAND AVE. SYRACUSE, NY
Matrix: Soil

Date Collected: 07/15/15 00:00
Date Received: 07/15/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	07/16/15 02:36	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-07 QC Batch ID: WG803174-1 QC Sample: L1516175-01 Client ID: DUP Sample						
Solids, Total	70.2	70.4	%	0		20

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516325
Report Date: 07/16/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516325-01A	Glass 60mL/2oz unpreserved	A	N/A	3.6	Y	Absent	NYTCL-8260(14)
L1516325-01A1	Glass 60mL/2oz unpreserved	A	N/A	3.6	Y	Absent	NYTCL-8260(14)
L1516325-01B	Glass 120ml/4oz unpreserved	A	N/A	3.6	Y	Absent	NYTCL-8270(14),TS(7)
L1516325-01B1	Glass 120ml/4oz unpreserved	A	N/A	3.6	Y	Absent	NYTCL-8270(14),TS(7)
L1516325-02A	Glass 60mL/2oz unpreserved	A	N/A	3.6	Y	Absent	TS(7),NYTCL-8260(14)
L1516325-03A	Glass 60mL/2oz unpreserved	A	N/A	3.6	Y	Absent	TS(7),NYTCL-8260(14)
L1516325-04A	Glass 60mL/2oz unpreserved	A	N/A	3.6	Y	Absent	TS(7),NYTCL-8260(14)
L1516325-05A	Glass 60mL/2oz unpreserved	A	N/A	3.6	Y	Absent	TS(7),NYTCL-8260(14)
L1516325-06A	Glass 60mL/2oz unpreserved	A	N/A	3.6	Y	Absent	TS(7),NYTCL-8260(14)
L1516325-07A	Glass 60mL/2oz unpreserved	A	N/A	3.6	Y	Absent	TS(7),NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516325
Project Number:	21.0056730.40	**Report Date:**	07/16/15

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516325
Project Number:	21.0056730.40	**Report Date:**	07/16/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/16/15

ALPHA Job #: L1516325

Client Information

Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor
Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3629
Email: thomas.bohlen@gza.com

Project Information

Project Name: Coyne Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project # 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 07/16/15
Rush (only if pre approved) ☒ # of Days: 1

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	8260	6270							Sample Specific Comments	Total # of Bottles
16325-01	MW-7-7-9-71515	07/15/15	0930	Soil	PCF	X	X							MS/MSD (2 VOC, 2 SVOC)	
-02	MW-7-19-21-71515	↓	1000	↓	PCF	X									
-03	MW-7-21-23-71515	↓	1005	↓	PCF	X									
-04	MW-7-29-31-71515	↓	1110	↓	PCF	X									
-05	MW-7-41-43-71515	↓	1315	↓	PCF	X									
-06	MW-7-51-53-71515	↓	1400	↓	PCF	X									
-07	Field Duplicate-001-71515				PCF	X									
-08	Trip Blank-004-71515			Aqueous		X									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A/V	A											
Preservative	A/B	A											

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	07/15/15 1600	[illegible]	7/15/15 16:00
[illegible]	7/15/15 2310	[illegible]	7/15/15 2310
[illegible]	7/16/15 1150	[illegible]	7/16/15 1150

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1516651
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES
Project Number:	21.0056730.40
Report Date:	07/24/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES
Project Number: 21.0056730.40

Lab Number: L1516651
Report Date: 07/24/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516651-01	MW-4-71715	WATER	140 CORTLAND AVE., SYRACUSE, NY 13212	07/17/15 15:45	07/17/15
L1516651-02	TRIP BLANK-005-71715		140 CORTLAND AVE., SYRACUSE, NY 13212	07/17/15 00:00	07/17/15

Project Name: COYNE TEXTILE SERVICES **Lab Number:** L1516651
Project Number: 21.0056730.40 **Report Date:** 07/24/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES	**Lab Number:**	L1516651
Project Number:	21.0056730.40	**Report Date:**	07/24/15

Case Narrative (continued)

Report Submission

The results of the Volatile Organics analysis have been issued under separate cover.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative

Date: 07/24/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES **Lab Number:** L1516651

Project Number: 21.0056730.40 **Report Date:** 07/24/15

SAMPLE RESULTS

Lab ID:	L1516651-01	Date Collected:	07/17/15 15:45
Client ID:	MW-4-71715	Date Received:	07/17/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13212	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	117,-		
Analytical Date:	07/23/15 09:54		
Analyst:	MR		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	1260		ug/l	0.500	0.500	1	A
Ethene	14.9		ug/l	0.500	0.500	1	A
Ethane	104		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES **Lab Number:** L1516651

Project Number: 21.0056730.40 **Report Date:** 07/24/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 07/23/15 09:12
Analyst: MR

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01 Batch: WG805357-4						
Methane	ND		ug/l	0.500	0.500	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES

Project Number: 21.0056730.40

Lab Number: L1516651

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01 Batch: WG805357-1									
Methane	85		-		80-120	-		25	A
Ethene	91		-		80-120	-		25	A
Ethane	90		-		80-120	-		25	A

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES
Project Number: 21.0056730.40

Lab Number: L1516651
Report Date: 07/24/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG805357-6 WG805357-7 QC Sample: L1516897-02 Client ID: MS Sample													
Methane	47.7	54.6	110	114		110	114		80-120	0		25	A
Ethene	ND	95.5	104	109		101	106		80-120	3		25	A
Ethane	1.51	102	112	108		108	104		80-120	4		25	A

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES
Project Number: 21.0056730.40

Lab Number: L1516651
Report Date: 07/24/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits	
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG805357-5 QC Sample: L1516897-03 Client ID: DUP Sample							
Methane	5700	5740	ug/l	1		25	A
Ethene	625	619	ug/l	1		25	A
Ethane	1080	1080	ug/l	0		25	A

METALS

Project Name:	COYNE TEXTILE SERVICES	**Lab Number:**	L1516651
Project Number:	21.0056730.40	**Report Date:**	07/24/15

SAMPLE RESULTS

Lab ID:	L1516651-01	Date Collected:	07/17/15 15:45
Client ID:	MW-4-71715	Date Received:	07/17/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, N	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	2.97		mg/l	0.050	0.012	1	07/18/15 11:11	07/20/15 13:49	EPA 3005A	1,6020A	BM
Manganese, Total	0.4500		mg/l	0.0010	0.0003	1	07/18/15 11:11	07/20/15 13:49	EPA 3005A	1,6020A	BM

Project Name: COYNE TEXTILE SERVICES **Lab Number:** L1516651

Project Number: 21.0056730.40 **Report Date:** 07/24/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01 Batch: WG803965-1										
Iron, Total	0.046	J	mg/l	0.050	0.012	1	07/18/15 11:11	07/20/15 13:23	1,6020A	BM
Manganese, Total	0.0004	J	mg/l	0.0010	0.0003	1	07/18/15 11:11	07/20/15 13:23	1,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES

Project Number: 21.0056730.40

Lab Number: L1516651

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 Batch: WG803965-2								
Iron, Total	103		-		80-120	-		
Manganese, Total	98		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES
Project Number: 21.0056730.40

Lab Number: L1516651
Report Date: 07/24/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01 QC Batch ID: WG803965-4 QC Sample: L1516648-01 Client ID: MS Sample												
Iron, Total	0.532	1	1.60	107		-	-		75-125	-		20
Manganese, Total	0.0734	0.5	0.6005	105		-	-		75-125	-		20

INORGANICS
&
MISCELLANEOUS

Project Name: COYNE TEXTILE SERVICES
Project Number: 21.0056730.40

Lab Number: L1516651
Report Date: 07/24/15

SAMPLE RESULTS

Lab ID: L1516651-01
Client ID: MW-4-71715
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Water

Date Collected: 07/17/15 15:45
Date Received: 07/17/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	613.		mg CaCO3/L	4.00	NA	2	-	07/20/15 10:12	30,2320B	SG
Nitrogen, Nitrate	0.022	J	mg/l	0.10	0.019	1	-	07/18/15 02:04	44,353.2	MR
Total Organic Carbon	14.		mg/l	2.5	0.57	5	-	07/21/15 08:20	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	42.6		mg/l	1.00	0.051	1	-	07/20/15 18:44	44,300.0	AU

Project Name: COYNE TEXTILE SERVICES **Lab Number:** L1516651

Project Number: 21.0056730.40 **Report Date:** 07/24/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG803898-1										
Nitrogen, Nitrate	0.062	J	mg/l	0.10	0.019	1	-	07/18/15 00:24	44,353.2	MR
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG804256-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	07/20/15 10:12	30,2320B	SG
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG804480-1										
Total Organic Carbon	ND		mg/l	0.50	0.11	1	-	07/21/15 08:20	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab for sample(s): 01 Batch: WG804703-1										
Sulfate	0.071	J	mg/l	1.00	0.051	1	-	07/20/15 17:44	44,300.0	AU

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES

Project Number: 21.0056730.40

Lab Number: L1516651

Report Date: 07/24/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG803898-2								
Nitrogen, Nitrate	100		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG804256-3								
Alkalinity, Total	104		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG804480-2								
Total Organic Carbon	98		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01 Batch: WG804703-2								
Sulfate	102		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES
Project Number: 21.0056730.40
Lab Number: L1516651
Report Date: 07/24/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG803898-4 QC Sample: L1516506-03 Client ID: MS Sample												
Nitrogen, Nitrate	0.12	4	3.8	92		-	-		83-113	-		6
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG804256-4 QC Sample: L1516631-03 Client ID: MS Sample												
Alkalinity, Total	236.	100	328	92		-	-		86-116	-		10
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG804480-4 QC Sample: L1516651-01 Client ID: MW-4-71715												
Total Organic Carbon	14.	40	57	106		-	-		80-120	-		20
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01 QC Batch ID: WG804703-3 WG804703-4 QC Sample: L1516631-03 Client ID: MS Sample												
Sulfate	1.79	8	10.5	108		10.4	107		60-140	1		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES
Project Number: 21.0056730.40

Lab Number: L1516651
Report Date: 07/24/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG803898-3 QC Sample: L1516506-03 Client ID: DUP Sample						
Nitrogen, Nitrate	0.12	0.097J	mg/l	NC		6
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG804256-2 QC Sample: L1516631-03 Client ID: DUP Sample						
Alkalinity, Total	236.	239	mg CaCO3/L	1		10
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG804480-3 QC Sample: L1516651-01 Client ID: MW-4-71715						
Total Organic Carbon	14.	14	mg/l	0		20

Project Name: COYNE TEXTILE SERVICES
Project Number: 21.0056730.40

Lab Number: L1516651
Report Date: 07/24/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516651-01D	20ml Vial HCl preserved	A	N/A	4.2	Y	Absent	DISSGAS(14)
L1516651-01E	20ml Vial HCl preserved	A	N/A	4.2	Y	Absent	DISSGAS(14)
L1516651-01F	Vial H2SO4 preserved	A	N/A	4.2	Y	Absent	TOC-9060(28)
L1516651-01G	Vial H2SO4 preserved	A	N/A	4.2	Y	Absent	TOC-9060(28)
L1516651-01H	Plastic 250ml unpreserved w/No H	A	N/A	4.2	Y	Absent	ALK-T-2320(14)
L1516651-01I	Plastic 250ml HNO3 preserved	A	<2	4.2	Y	Absent	FE-6020T(180),MN-6020T(180)
L1516651-01J	Plastic 250ml unpreserved	A	7	4.2	Y	Absent	SO4-300(28),NO3-353(2)
L1516651-02A	Vial HCl preserved	A	N/A	4.2	Y	Absent	-
L1516651-02B	Vial HCl preserved	A	N/A	4.2	Y	Absent	-
L1516651-02C	Vial HCl preserved	A	N/A	4.2	Y	Absent	-

Container Comments

L1516651-01I

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES	**Lab Number:**	L1516651
Project Number:	21.0056730.40	**Report Date:**	07/24/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES	**Lab Number:**	L1516651
Project Number:	21.0056730.40	**Report Date:**	07/24/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES	**Lab Number:**	L1516651
Project Number:	21.0056730.40	**Report Date:**	07/24/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/18/15

ALPHA Job #: L1516651

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor, Buffalo, NY 14203
Phone: 716-685-2380
Fax: 716-685-2629
Email: thomas.bohlen@gza.com

Project Information
Project Name: Cayne Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/18/15
Rush (only if pre approved) ☒ VOCs ONLY # of Days: 1

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK-175	Tentatively Identified Compounds GC/MS	Tetrachloroethene 6010	Alkalinity SM2320	Sulfide 376.2	Nitrate 353.2		Sample Specific Comments	Total # of Bottles
1665 - 01	MW-4-7/17/15	07/17/15	1545	Aqueous	PCF	X	X	X	X	X	X	X			
02	Trip Blank - 005 - 7/17/15	07/17/15		Aqueous		X									

Preservative Code:	Container Code
A = None	P = Plastic
B = HCl	A = Amber Glass
C = HNO_3	V = Vial
D = H_2SO_4	G = Glass
E = NaOH	B = Bacteria Cup
F = MeOH	C = Cube
G = $NaHSO_4$	O = Other
H = $Na_2S_2O_3$	E = Encore
K/E = Zn Ac/NaOH	D = BOD Bottle
O = Other	

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	V	V	P	P	P	P
Preservative	B	B	D	C	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	7/17/15 1730	[illegible]	07/17 1730
[illegible]	07/17 2320	[illegible]	5/7/15 2320
[illegible]	7/18/15 0135	[illegible]	7/18/15 0135
[illegible]	7/18/15 0600	Mansfield Lab	7/18/15 0600

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
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TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/18/15

ALPHA Job #: L1516651

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor, Buffalo, NY 14203
Phone: 716-685-2380
Fax: 716-685-3629
Email: thomas.bohlen@gza.com

Project Information
Project Name: Cayne Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/18/15
Rush (only if pre approved) ☒ VOCs ONLY # of Days: 1

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK-175	Total Organic Carbon 9060	Total Fe & Mn - 6010	Alkalinity 310.1	Sulfate - 300	Nitrate - 353.2		Sample Specific Comments	Total Bottles
1665 - 01	MW-4-7/17/15	07/17/15	1545	Aqueous	PCF	X	X	X	X	X	X	X			
02	Trip Blank - 005 - 7/17/15	07/17/15		Aqueous		X									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	V	V	P	P	P	P	
Preservative	B	B	D	C	O	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	7/17/15 1730	[illegible]	07/17 1730
[illegible]	07/17 2320	[illegible]	07/17/15 2320
[illegible]	7/18/15 0135	[illegible] APL	7/18/15 0135

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1516772
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES-MW INST
Project Number:	21.0056730.40
Report Date:	07/27/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516772-01	MW-5A-72015	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/20/15 15:55	07/20/15
L1516772-02	FIELD DUPLICATE-002-72015	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/20/15 00:00	07/20/15

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

Case Narrative (continued)

Report Submission

The results of the Volatile Organics analysis will be issued under separate cover.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1516772-01 and -02: The sample was received above the appropriate pH for the Metals analysis. The laboratory added additional HNO3 to a pH <2.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative

Date: 07/27/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516772

Project Number: 21.0056730.40 **Report Date:** 07/27/15

SAMPLE RESULTS

Lab ID:	L1516772-01	Date Collected:	07/20/15 15:55
Client ID:	MW-5A-72015	Date Received:	07/20/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	117,-		
Analytical Date:	07/23/15 10:08		
Analyst:	MR		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	619		ug/l	0.500	0.500	1	A
Ethene	32.3		ug/l	0.500	0.500	1	A
Ethane	82.6		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST
Lab Number: L1516772
Project Number: 21.0056730.40
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516772-02
Client ID: FIELD DUPLICATE-002-72015
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/23/15 10:23
Analyst: MR

Date Collected: 07/20/15 00:00
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	526		ug/l	0.500	0.500	1	A
Ethene	27.8		ug/l	0.500	0.500	1	A
Ethane	69.8		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516772

Project Number: 21.0056730.40 **Report Date:** 07/27/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 07/23/15 09:12
Analyst: MR

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-02 Batch: WG805357-4						
Methane	ND		ug/l	0.500	0.500	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516772

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-02 Batch: WG805357-1									
Methane	85		-		80-120	-		25	A
Ethene	91		-		80-120	-		25	A
Ethane	90		-		80-120	-		25	A

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516772

Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG805357-6 WG805357-7 QC Sample: L1516897-02 Client ID: MS Sample													
Methane	47.7	54.6	110	114		110	114		80-120	0		25	A
Ethene	ND	95.5	104	109		101	106		80-120	3		25	A
Ethane	1.51	102	112	108		108	104		80-120	4		25	A

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits	
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG805357-5 QC Sample: L1516897-03 Client ID: DUP Sample							
Methane	5700	5740	ug/l	1		25	A
Ethene	625	619	ug/l	1		25	A
Ethane	1080	1080	ug/l	0		25	A

METALS

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

SAMPLE RESULTS

Lab ID:	L1516772-01	Date Collected:	07/20/15 15:55
Client ID:	MW-5A-72015	Date Received:	07/20/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, N	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	2.66		mg/l	0.0500	0.0120	1	07/21/15 11:35	07/22/15 16:49	EPA 3005A	1,6020A	KL
Manganese, Total	0.3569		mg/l	0.00100	0.00030	1	07/21/15 11:35	07/22/15 16:49	EPA 3005A	1,6020A	KL

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

SAMPLE RESULTS

Lab ID:	L1516772-02	Date Collected:	07/20/15 00:00
Client ID:	FIELD DUPLICATE-002-72015	Date Received:	07/20/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, N	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	1.97		mg/l	0.0500	0.0120	1	07/21/15 11:35	07/22/15 16:53	EPA 3005A	1,6020A	KL
Manganese, Total	0.3637		mg/l	0.00100	0.00030	1	07/21/15 11:35	07/22/15 16:53	EPA 3005A	1,6020A	KL

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516772

Project Number: 21.0056730.40 **Report Date:** 07/27/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-02 Batch: WG804488-1										
Iron, Total	ND		mg/l	0.0500	0.0120	1	07/21/15 11:35	07/22/15 15:50	1,6020A	KL
Manganese, Total	0.00030	J	mg/l	0.00100	0.00030	1	07/21/15 11:35	07/22/15 15:50	1,6020A	KL

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516772

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 Batch: WG804488-2								
Iron, Total	96		-		80-120	-		
Manganese, Total	98		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804488-4 QC Sample: L1516769-01 Client ID: MS Sample												
Iron, Total	0.127	1	0.993	87		-	-		75-125	-		20
Manganese, Total	0.0032	0.5	0.5022	100		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804488-3 QC Sample: L1516769-01 Client ID: DUP Sample						
Iron, Total	0.127	0.423	mg/l	**108**	Q	20

INORGANICS
&
MISCELLANEOUS

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516772-01
Client ID: MW-5A-72015
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Water

Date Collected: 07/20/15 15:55
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	467.		mg CaCO3/L	2.00	NA	1	-	07/21/15 06:00	30,2320B	SG
Nitrogen, Nitrate	0.084	J	mg/l	0.10	0.019	1	-	07/21/15 21:33	44,353.2	MR
Total Organic Carbon	9.4		mg/l	5.0	1.1	10	-	07/23/15 08:33	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	72.4		mg/l	1.00	0.051	1	-	07/22/15 19:39	44,300.0	AU

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

SAMPLE RESULTS

Lab ID: L1516772-02
Client ID: FIELD DUPLICATE-002-72015
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Water

Date Collected: 07/20/15 00:00
Date Received: 07/20/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	446.		mg CaCO3/L	2.00	NA	1	-	07/21/15 06:00	30,2320B	SG
Nitrogen, Nitrate	0.032	J	mg/l	0.10	0.019	1	-	07/21/15 21:34	44,353.2	MR
Total Organic Carbon	8.9		mg/l	5.0	1.1	10	-	07/23/15 08:33	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	72.5		mg/l	1.00	0.051	1	-	07/22/15 19:51	44,300.0	AU

Project Name: COYNE TEXTILE SERVICES-MW INST

Lab Number: L1516772

Project Number: 21.0056730.40

Report Date: 07/27/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG804487-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	07/21/15 06:00	30,2320B	SG
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG804731-1										
Nitrogen, Nitrate	0.088	J	mg/l	0.10	0.019	1	-	07/21/15 21:16	44,353.2	MR
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-02 Batch: WG805178-1										
Sulfate	ND		mg/l	1.00	0.051	1	-	07/22/15 18:27	44,300.0	AU
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG805240-1										
Total Organic Carbon	ND		mg/l	0.50	0.11	1	-	07/23/15 08:33	1,9060A	DW

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516772

Report Date: 07/27/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG804487-3								
Alkalinity, Total	104		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG804731-2								
Nitrogen, Nitrate	96		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-02 Batch: WG805178-2								
Sulfate	99		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG805240-2								
Total Organic Carbon	98		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516772
Report Date: 07/27/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804487-4 QC Sample: L1516701-01 Client ID: MS Sample												
Alkalinity, Total	54.3	100	152	98		-	-		86-116	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804731-4 QC Sample: L1516790-01 Client ID: MS Sample												
Nitrogen, Nitrate	0.036J	4	3.7	92		-	-		83-113	-		6
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG805178-3 WG805178-4 QC Sample: L1516897-02 Client ID: MS Sample												
Sulfate	670.	200	886	108		885	107		60-140	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG805240-4 QC Sample: L1516897-02 Client ID: MS Sample												
Total Organic Carbon	1.6	20	23	108		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804487-2 QC Sample: L1516701-01 Client ID: DUP Sample						
Alkalinity, Total	54.3	53.9	mg CaCO3/L	1		10
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG804731-3 QC Sample: L1516790-01 Client ID: DUP Sample						
Nitrogen, Nitrate	0.036J	0.044J	mg/l	NC		6
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG805240-3 QC Sample: L1516897-02 Client ID: DUP Sample						
Total Organic Carbon	1.6	2.2J	mg/l	NC		20

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516772
Report Date: 07/27/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516772-01A	Vial H2SO4 preserved	A	N/A	2.3	Y	Absent	TOC-9060(28)
L1516772-01B	Vial H2SO4 preserved	A	N/A	2.3	Y	Absent	TOC-9060(28)
L1516772-01C	20ml Vial HCl preserved	A	N/A	2.3	Y	Absent	DISSGAS(14)
L1516772-01D	20ml Vial HCl preserved	A	N/A	2.3	Y	Absent	DISSGAS(14)
L1516772-01E	Plastic 120ml unpreserved w/No H	A	N/A	2.3	Y	Absent	ALK-T-2320(14)
L1516772-01F	Plastic 250ml unpreserved	A	7	2.3	Y	Absent	SO4-300(28),NO3-353(2)
L1516772-01G	Plastic 250ml HNO3 preserved	A	<2	2.3	Y	Absent	FE-6020T(180),MN-6020T(180)
L1516772-02A	Vial H2SO4 preserved	A	N/A	2.3	Y	Absent	TOC-9060(28)
L1516772-02B	Vial H2SO4 preserved	A	N/A	2.3	Y	Absent	TOC-9060(28)
L1516772-02C	20ml Vial HCl preserved	A	N/A	2.3	Y	Absent	DISSGAS(14)
L1516772-02D	20ml Vial HCl preserved	A	N/A	2.3	Y	Absent	DISSGAS(14)
L1516772-02E	Plastic 120ml unpreserved w/No H	A	N/A	2.3	Y	Absent	ALK-T-2320(14)
L1516772-02F	Plastic 250ml unpreserved	A	7	2.3	Y	Absent	SO4-300(28),NO3-353(2)
L1516772-02G	Plastic 250ml HNO3 preserved	A	<2	2.3	Y	Absent	FE-6020T(180),MN-6020T(180)

Container Comments

L1516772-01G

L1516772-02G

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516772
Project Number:	21.0056730.40	**Report Date:**	07/27/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/21/15

ALPHA Job #: L1516772

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor, Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3629
Email: thomas.bohlen@gza.com

Project Information
Project Name: Coyne Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project #: 21.0051730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/21/15
Rush (only if pre approved) ☒ VOCs only # of Days: 1

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK-175	BOD	TKN / Organic Carbon	Total Fe & Mn 6010	Alkalinity 3440	Sulfide 376	Nitrate 353.2	Sample Specific Comments
	MW-4-72015	7/20/15	1401	Aqueous	PCF	X								
L1722 -01	MW-5A-72015	7/20/15	1555	↓	PCF	X	X	X	X	X	X	X		
	Trip Blank-006-72015			↓		X								
-02	Field Duplicate-002-72015	7/20/15		Aqueous	PCF	X	X	X	X	X	X	X		
Container Type						V	V	V	P	P	P	P		
Preservative						B	B	D	C	O	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	7/20/15 20:15	[illegible]	7/20/15 20:15
[illegible]	7/20/15 22:45	[illegible]	7/20/15 22:45
[illegible]	7/21/15 0120	[illegible]	7/21/15 0120
[illegible]	7/21/15 940	T. Hubbell	7/21/15 940
T. Hubbell	7/21/15 1025	[illegible]	7/21/15 10:25

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/21/15

ALPHA Job #: L1516772

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor
Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3629
Email: thomas.bohlen@gza.com

Project Information
Project Name: Cayuga Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project # 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/21/15
Rush (only if pre approved) ☒ VOCs over # of Days: 1

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

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

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK-175	Total Organic Carbon 9060	Total Fe & Mn - 6010	Alkalinity 310.1	Sulfate - 300	Nitrate - 353.2		Sample Specific Comments	Total Bottles
	MW-4-72015	7/20/15	1401	Aqueous	PCF	X									
01	MW-5A-72015	7/20/15	1555	↓	PCF	X	X	X	X	X	X	X			
	Trip Blank-006-72015			↓		X									
02	Field Duplicate-002-72015	7/20/15		Aqueous	PCF	X	X	X	X	X	X	X			
	Container Type					V	V	V	P	P	P	P			
	Preservative					B	B	D	C	O	A	A			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	7/20/15 20:15	[illegible]	7/20/15 20:15
[illegible]	7/20/15 2245	[illegible]	7/20/15 2245
[illegible]	7/21/15 0120	[illegible]	7/21/15 0120

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1516897
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES-MW INST
Project Number:	21.0056730.40
Report Date:	07/29/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516897
Report Date: 07/29/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1516897-01	MW-5B-72115	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/21/15 11:10	07/21/15
L1516897-02	MW-5C-72115	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/21/15 13:00	07/21/15
L1516897-03	MW-6A-72115	WATER	140 CORTLAND AVE., SYRACUSE, NY 13202	07/21/15 15:35	07/21/15

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516897
Project Number:	21.0056730.40	**Report Date:**	07/29/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516897
Project Number:	21.0056730.40	**Report Date:**	07/29/15

Case Narrative (continued)

Report Submission

The results of the Volatile Organics analysis have been issued under separate cover.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1516897-02 and -03: The sample was received above the appropriate pH for the Metals analysis. The laboratory added additional HNO3 to a pH <2.

Metals

The WG804841-3/-4 MS/MSD recoveries, performed on L1516897-02, are outside the acceptance criteria for iron (136%/149%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Michelle M. Morris

Title: Technical Director/Representative

Date: 07/29/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516897

Project Number: 21.0056730.40 **Report Date:** 07/29/15

SAMPLE RESULTS

Lab ID: L1516897-01
Client ID: MW-5B-72115
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/23/15 11:11
Analyst: MR

Date Collected: 07/21/15 11:10
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	107		ug/l	0.500	0.500	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	1.43		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516897

Project Number: 21.0056730.40 **Report Date:** 07/29/15

SAMPLE RESULTS

Lab ID: L1516897-02
Client ID: MW-5C-72115
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/23/15 11:25
Analyst: MR

Date Collected: 07/21/15 13:00
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	47.7		ug/l	0.500	0.500	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	1.51		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516897

Project Number: 21.0056730.40 **Report Date:** 07/29/15

SAMPLE RESULTS

Lab ID: L1516897-03
Client ID: MW-6A-72115
Sample Location: 140 CORTLAND AVE., SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/23/15 11:40
Analyst: MR

Date Collected: 07/21/15 15:35
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	5700		ug/l	0.500	0.500	1	A
Ethene	625		ug/l	0.500	0.500	1	A
Ethane	1080		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516897

Project Number: 21.0056730.40 **Report Date:** 07/29/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 07/23/15 09:12
Analyst: MR

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-03 Batch: WG805357-4						
Methane	ND		ug/l	0.500	0.500	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516897

Report Date: 07/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03 Batch: WG805357-1									
Methane	85		-		80-120	-		25	A
Ethene	91		-		80-120	-		25	A
Ethane	90		-		80-120	-		25	A

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516897
Report Date: 07/29/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG805357-6 WG805357-7 QC Sample: L1516897-02 Client ID: MW-5C-72115													
Methane	47.7	54.6	110	114		110	114		80-120	0		25	A
Ethene	ND	95.5	104	109		101	106		80-120	3		25	A
Ethane	1.51	102	112	108		108	104		80-120	4		25	A

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516897
Report Date: 07/29/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits	
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG805357-5 QC Sample: L1516897-03 Client ID: MW-6A-72115							
Methane	5700	5740	ug/l	1		25	A
Ethene	625	619	ug/l	1		25	A
Ethane	1080	1080	ug/l	0		25	A

METALS

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516897
Project Number:	21.0056730.40	**Report Date:**	07/29/15

SAMPLE RESULTS

Lab ID:	L1516897-01	Date Collected:	07/21/15 11:10
Client ID:	MW-5B-72115	Date Received:	07/21/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, N	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	3.99		mg/l	0.0500	0.0120	1	07/22/15 08:02	07/22/15 15:21	EPA 3005A	1,6020A	KL
Manganese, Total	0.1520		mg/l	0.00100	0.00030	1	07/22/15 08:02	07/22/15 15:21	EPA 3005A	1,6020A	KL

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516897
Project Number:	21.0056730.40	**Report Date:**	07/29/15

SAMPLE RESULTS

Lab ID:	L1516897-02	Date Collected:	07/21/15 13:00
Client ID:	MW-5C-72115	Date Received:	07/21/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, N	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	1.11		mg/l	0.0500	0.0120	1	07/22/15 08:02	07/22/15 15:06	EPA 3005A	1,6020A	KL
Manganese, Total	0.1563		mg/l	0.00100	0.00030	1	07/22/15 08:02	07/22/15 15:06	EPA 3005A	1,6020A	KL

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516897
Project Number:	21.0056730.40	**Report Date:**	07/29/15

SAMPLE RESULTS

Lab ID:	L1516897-03	Date Collected:	07/21/15 15:35
Client ID:	MW-6A-72115	Date Received:	07/21/15
Sample Location:	140 CORTLAND AVE., SYRACUSE, N	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	3.94		mg/l	0.0500	0.0120	1	07/22/15 08:02	07/22/15 15:24	EPA 3005A	1,6020A	KL
Manganese, Total	0.3640		mg/l	0.00100	0.00030	1	07/22/15 08:02	07/22/15 15:24	EPA 3005A	1,6020A	KL

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1516897

Project Number: 21.0056730.40 **Report Date:** 07/29/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG804841-1										
Iron, Total	ND		mg/l	0.0500	0.0120	1	07/22/15 08:02	07/22/15 14:59	1,6020A	KL
Manganese, Total	ND		mg/l	0.00100	0.00030	1	07/22/15 08:02	07/22/15 14:59	1,6020A	KL

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516897

Report Date: 07/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG804841-2								
Iron, Total	108		-		80-120	-		
Manganese, Total	102		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516897
Report Date: 07/29/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG804841-3 WG804841-4 QC Sample: L1516897-02 Client ID: MW-5C-72115												
Iron, Total	1.11	1	2.47	**136**	Q	2.60	**149**	Q	75-125	5		20
Manganese, Total	0.1563	0.5	0.7508	119		0.7602	121		75-125	1		20

INORGANICS
&
MISCELLANEOUS

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516897
Report Date: 07/29/15

SAMPLE RESULTS

Lab ID: L1516897-01
Client ID: MW-5B-72115
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Water

Date Collected: 07/21/15 11:10
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	338.		mg CaCO3/L	2.00	NA	1	-	07/22/15 09:02	30,2320B	SG
Nitrogen, Nitrate	0.13		mg/l	0.10	0.019	1	-	07/22/15 22:45	44,353.2	MR
Total Organic Carbon	4.0		mg/l	2.5	0.57	5	-	07/23/15 08:33	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	182.		mg/l	25.0	1.30	25	-	07/22/15 22:03	44,300.0	AU

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516897
Report Date: 07/29/15

SAMPLE RESULTS

Lab ID: L1516897-02
Client ID: MW-5C-72115
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Water

Date Collected: 07/21/15 13:00
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	311.		mg CaCO3/L	2.00	NA	1	-	07/22/15 09:02	30,2320B	SG
Nitrogen, Nitrate	0.050	J	mg/l	0.10	0.019	1	-	07/22/15 22:47	44,353.2	MR
Total Organic Carbon	1.6		mg/l	1.0	0.23	2	-	07/23/15 08:33	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	670.		mg/l	25.0	1.30	25	-	07/22/15 21:51	44,300.0	AU

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516897
Report Date: 07/29/15

SAMPLE RESULTS

Lab ID: L1516897-03
Client ID: MW-6A-72115
Sample Location: 140 CORTLAND AVE., SYRACUSE, N
Matrix: Water

Date Collected: 07/21/15 15:35
Date Received: 07/21/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	560.		mg CaCO3/L	2.00	NA	1	-	07/22/15 09:02	30,2320B	SG
Nitrogen, Nitrate	0.43		mg/l	0.10	0.019	1	-	07/22/15 22:51	44,353.2	MR
Total Organic Carbon	18.		mg/l	10	2.3	20	-	07/23/15 08:33	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	58.0		mg/l	1.00	0.051	1	-	07/22/15 19:27	44,300.0	AU

Project Name: COYNE TEXTILE SERVICES-MW INST

Lab Number: L1516897

Project Number: 21.0056730.40

Report Date: 07/29/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG805024-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	07/22/15 09:02	30,2320B	SG
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG805129-1										
Nitrogen, Nitrate	ND		mg/l	0.10	0.019	1	-	07/22/15 22:36	44,353.2	MR
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-03 Batch: WG805178-1										
Sulfate	ND		mg/l	1.00	0.051	1	-	07/22/15 18:27	44,300.0	AU
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG805240-1										
Total Organic Carbon	ND		mg/l	0.50	0.11	1	-	07/23/15 08:33	1,9060A	DW

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1516897

Report Date: 07/29/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG805024-3								
Alkalinity, Total	104		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG805129-2								
Nitrogen, Nitrate	100		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-03 Batch: WG805178-2								
Sulfate	99		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG805240-2								
Total Organic Carbon	98		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1516897
Report Date: 07/29/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805024-4 QC Sample: L1516897-02 Client ID: MW-5C-72115												
Alkalinity, Total	311.	100	403	92		-	-		86-116	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805129-4 QC Sample: L1516897-02 Client ID: MW-5C-72115												
Nitrogen, Nitrate	0.050J	4	4.0	100		-	-		83-113	-		6
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805178-3 WG805178-4 QC Sample: L1516897-02 Client ID: MW-5C-72115												
Sulfate	670.	200	886	108		885	107		60-140	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805240-4 QC Sample: L1516897-02 Client ID: MW-5C-72115												
Total Organic Carbon	1.6	20	23	108		-	-		80-120	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516897
Report Date: 07/29/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805024-2 QC Sample: L1516897-02 Client ID: MW-5C-72115						
Alkalinity, Total	311.	304	mg CaCO3/L	2		10
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805129-3 QC Sample: L1516897-02 Client ID: MW-5C-72115						
Nitrogen, Nitrate	0.050J	0.041J	mg/l	NC		6
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805240-3 QC Sample: L1516897-02 Client ID: MW-5C-72115						
Total Organic Carbon	1.6	2.2J	mg/l	NC		20

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516897
Report Date: 07/29/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516897-01A	Vial H2SO4 preserved	A	N/A	3.4	Y	Absent	TOC-9060(28)
L1516897-01B	Vial H2SO4 preserved	A	N/A	3.4	Y	Absent	TOC-9060(28)
L1516897-01C	20ml Vial HCl preserved	A	N/A	3.4	Y	Absent	DISSGAS(14)
L1516897-01D	20ml Vial HCl preserved	A	N/A	3.4	Y	Absent	DISSGAS(14)
L1516897-01E	Plastic 120ml unpreserved w/No H	A	N/A	3.4	Y	Absent	ALK-T-2320(14)
L1516897-01F	Plastic 250ml unpreserved	A	7	3.4	Y	Absent	SO4-300(28),NO3-353(2)
L1516897-01G	Plastic 250ml HNO3 preserved	A	<2	3.4	Y	Absent	FE-6020T(180),MN-6020T(180)
L1516897-02A	Vial H2SO4 preserved	A	N/A	3.4	Y	Absent	TOC-9060(28)
L1516897-02A1	Vial H2SO4 preserved	A	N/A	3.4	Y	Absent	TOC-9060(28)
L1516897-02A2	Vial H2SO4 preserved	A	N/A	3.4	Y	Absent	TOC-9060(28)
L1516897-02B	Vial H2SO4 preserved	A	N/A	3.4	Y	Absent	TOC-9060(28)
L1516897-02B1	Vial H2SO4 preserved	A	N/A	3.4	Y	Absent	TOC-9060(28)
L1516897-02B2	Vial H2SO4 preserved	A	N/A	3.4	Y	Absent	TOC-9060(28)
L1516897-02C	20ml Vial HCl preserved	A	N/A	3.4	Y	Absent	DISSGAS(14)
L1516897-02C1	20ml Vial HCl preserved	A	N/A	3.4	Y	Absent	DISSGAS(14)
L1516897-02C2	20ml Vial HCl preserved	A	N/A	3.4	Y	Absent	DISSGAS(14)
L1516897-02D	20ml Vial HCl preserved	A	N/A	3.4	Y	Absent	DISSGAS(14)
L1516897-02D1	20ml Vial HCl preserved	A	N/A	3.4	Y	Absent	DISSGAS(14)
L1516897-02D2	20ml Vial HCl preserved	A	N/A	3.4	Y	Absent	DISSGAS(14)
L1516897-02E	Plastic 120ml unpreserved w/No H	A	N/A	3.4	Y	Absent	ALK-T-2320(14)
L1516897-02E1	Plastic 120ml unpreserved w/No H	A	N/A	3.4	Y	Absent	ALK-T-2320(14)
L1516897-02E2	Plastic 120ml unpreserved w/No H	A	N/A	3.4	Y	Absent	ALK-T-2320(14)
L1516897-02F	Plastic 250ml unpreserved	A	7	3.4	Y	Absent	SO4-300(28),NO3-353(2)
L1516897-02F1	Plastic 250ml unpreserved	A	7	3.4	Y	Absent	SO4-300(28),NO3-353(2)
L1516897-02F2	Plastic 250ml unpreserved	A	7	3.4	Y	Absent	SO4-300(28),NO3-353(2)
L1516897-02G	Plastic 250ml HNO3 preserved	A	<2	3.4	Y	Absent	FE-6020T(180),MN-6020T(180)
L1516897-02G1	Plastic 250ml HNO3 preserved	A	<2	3.4	Y	Absent	FE-6020T(180),MN-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1516897
Report Date: 07/29/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1516897-02G2	Plastic 250ml HNO3 preserved	A	<2	3.4	Y	Absent	FE-6020T(180),MN-6020T(180)
L1516897-03A	Vial H2SO4 preserved	A	N/A	3.4	Y	Absent	TOC-9060(28)
L1516897-03B	Vial H2SO4 preserved	A	N/A	3.4	Y	Absent	TOC-9060(28)
L1516897-03C	20ml Vial HCl preserved	A	N/A	3.4	Y	Absent	DISSGAS(14)
L1516897-03D	20ml Vial HCl preserved	A	N/A	3.4	Y	Absent	DISSGAS(14)
L1516897-03E	Plastic 120ml unpreserved w/No H	A	N/A	3.4	Y	Absent	ALK-T-2320(14)
L1516897-03F	Plastic 250ml unpreserved	A	7	3.4	Y	Absent	SO4-300(28),NO3-353(2)
L1516897-03G	Plastic 250ml HNO3 preserved	A	<2	3.4	Y	Absent	FE-6020T(180),MN-6020T(180)

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516897
Project Number:	21.0056730.40	**Report Date:**	07/29/15

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516897
Project Number:	21.0056730.40	**Report Date:**	07/29/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1516897
Project Number:	21.0056730.40	**Report Date:**	07/29/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA Analytical Laboratories

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516897

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St. 11th Floor, Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3029
Email: thomas.bohlen@gza.com

Project Information
Project Name: Cayne Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/22/15
Rush (only if pre approved) ☒ VOCs ONLY # of Days: 1

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	D. Dissolved Gases 25K-175	Total Organic Carbon 9060	Total Fe & Mn 6010	Alkalinity 310.1	Sulfate 300	Nitrate 353.2	Sample Specific Comments	Total Bottle
16897-01	MW-5B-72115	7/21/15	~~1017~~ 1110	Aqueous	PCF	X	X	X	X	X	X	X		
02	MW-5C-72115	↓	1300	↓	PCF	X	X	X	X	X	X	X	MS/MSD (triple of each)	
03	MW-6A-72115	↓	1535	↓	PCF	X	X	X	X	X	X	X		
	Trip Blank-007-72115					X								
Container Type						V	V	V	P	P	P	P		
Preservative						B	B	D	C	O	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	07/21/15/1705	[illegible] AAL	7/21/15 1710
[illegible]	7/21/15 2315	[illegible]	7/21/15 2315
[illegible]	7/22/15 0140	[illegible] AAL	7/22/15 0140
[illegible]	7/22/15 0140	Mansfield lab	7/22/15 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/22/15

ALPHA Job #: L1516897

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St. 11th Floor, Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3029
Email: thomas.bohlen@gza.com

Project Information
Project Name: Cayne Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/22/15
Rush (only if pre approved) ☒ VOCs ONLY # of Days: 1

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

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

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK-175	Total organic carbon 9060	Total Fe & Mn-6010	Alkalinity-310.1	Sulfate-300	Nitrate-353.2	Sample Specific Comments
6897-01	MW-5B-72115	7/21/15	1110	Aqueous	PCF	X	X	X	X	X	X	X	
02	MW-5C-72115	↓	1300	↓	PCF	X	X	X	X	X	X	X	MS/MSD (triple of each)
03	MW-6A-72115	↓	1535	↓	PCF	X	X	X	X	X	X	X	
04	TripBlank-007-72115					X							

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V	V	V	P	P	P	P
Preservative	B	B	D	C	O	A	A

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	07/21/15 1705	AAL	7/21/15 1720
	7/21/15 2315		7/21/15 2315
	7/22/15 0140	AAL	7/22/15 0140

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1517054
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES-MW INST
Project Number:	21.0056730.40
Report Date:	07/30/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517054
Report Date: 07/30/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517054-01	MW-7A-72215	WATER	140 CORTLAND AVE, SYRACUSE, NY 13202	07/22/15 12:25	07/22/15
L1517054-02	MW-7B-72215	WATER	140 CORTLAND AVE, SYRACUSE, NY 13202	07/22/15 14:55	07/22/15
L1517054-03	MW-7C-72215	WATER	140 CORTLAND AVE, SYRACUSE, NY 13202	07/22/15 16:45	07/22/15

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517054
Project Number:	21.0056730.40	**Report Date:**	07/30/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517054
Project Number:	21.0056730.40	**Report Date:**	07/30/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative

Date: 07/30/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517054

Project Number: 21.0056730.40 **Report Date:** 07/30/15

SAMPLE RESULTS

Lab ID: L1517054-01
Client ID: MW-7A-72215
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/23/15 15:33
Analyst: MR

Date Collected: 07/22/15 12:25
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	3030		ug/l	0.500	0.500	1	A
Ethene	56.8		ug/l	0.500	0.500	1	A
Ethane	17.4		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517054

Project Number: 21.0056730.40 **Report Date:** 07/30/15

SAMPLE RESULTS

Lab ID: L1517054-02
Client ID: MW-7B-72215
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/23/15 15:47
Analyst: MR

Date Collected: 07/22/15 14:55
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	207		ug/l	0.500	0.500	1	A
Ethene	12.5		ug/l	0.500	0.500	1	A
Ethane	3.07		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517054

Project Number: 21.0056730.40 **Report Date:** 07/30/15

SAMPLE RESULTS

Lab ID: L1517054-03
Client ID: MW-7C-72215
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY 13202
Matrix: Water
Analytical Method: 117,-
Analytical Date: 07/23/15 16:02
Analyst: MR

Date Collected: 07/22/15 16:45
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	37.7		ug/l	0.500	0.500	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	0.814		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517054

Project Number: 21.0056730.40 **Report Date:** 07/30/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 07/23/15 09:12
Analyst: MR

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-03 Batch: WG805357-4						
Methane	ND		ug/l	0.500	0.500	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517054

Report Date: 07/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03 Batch: WG805357-1									
Methane	85		-		80-120	-		25	A
Ethene	91		-		80-120	-		25	A
Ethane	90		-		80-120	-		25	A

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1517054
Report Date: 07/30/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG805357-6 WG805357-7 QC Sample: L1516897-02 Client ID: MS Sample													
Methane	47.7	54.6	110	114		110	114		80-120	0		25	A
Ethene	ND	95.5	104	109		101	106		80-120	3		25	A
Ethane	1.51	102	112	108		108	104		80-120	4		25	A

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517054
Report Date: 07/30/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits	
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG805357-5 QC Sample: L1516897-03 Client ID: DUP Sample							
Methane	5700	5740	ug/l	1		25	A
Ethene	625	619	ug/l	1		25	A
Ethane	1080	1080	ug/l	0		25	A

METALS

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517054
Project Number:	21.0056730.40	**Report Date:**	07/30/15

SAMPLE RESULTS

Lab ID:	L1517054-01	Date Collected:	07/22/15 12:25
Client ID:	MW-7A-72215	Date Received:	07/22/15
Sample Location:	140 CORTLAND AVE, SYRACUSE, NY	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	9.55		mg/l	0.050	0.012	1	07/23/15 14:23	07/24/15 13:54	EPA 3005A	1,6020A	BM
Manganese, Total	0.7491		mg/l	0.0200	0.0060	20	07/23/15 14:23	07/24/15 12:59	EPA 3005A	1,6020A	BM

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517054
Project Number:	21.0056730.40	**Report Date:**	07/30/15

SAMPLE RESULTS

Lab ID:	L1517054-02	Date Collected:	07/22/15 14:55
Client ID:	MW-7B-72215	Date Received:	07/22/15
Sample Location:	140 CORTLAND AVE, SYRACUSE, NY	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	3.54		mg/l	0.050	0.012	1	07/23/15 14:23	07/24/15 13:57	EPA 3005A	1,6020A	BM
Manganese, Total	0.4031		mg/l	0.0010	0.0003	1	07/23/15 14:23	07/24/15 13:57	EPA 3005A	1,6020A	BM

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517054
Project Number:	21.0056730.40	**Report Date:**	07/30/15

SAMPLE RESULTS

Lab ID:	L1517054-03	Date Collected:	07/22/15 16:45
Client ID:	MW-7C-72215	Date Received:	07/22/15
Sample Location:	140 CORTLAND AVE, SYRACUSE, NY	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	4.78		mg/l	0.050	0.012	1	07/23/15 14:23	07/24/15 14:00	EPA 3005A	1,6020A	BM
Manganese, Total	0.1970		mg/l	0.0010	0.0003	1	07/23/15 14:23	07/24/15 14:00	EPA 3005A	1,6020A	BM

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517054

Project Number: 21.0056730.40 **Report Date:** 07/30/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG805327-1										
Iron, Total	ND		mg/l	0.050	0.012	1	07/23/15 14:23	07/24/15 12:18	1,6020A	BM
Manganese, Total	ND		mg/l	0.0010	0.0003	1	07/23/15 14:23	07/24/15 12:18	1,6020A	BM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517054

Report Date: 07/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG805327-2								
Iron, Total	87		-		80-120	-		
Manganese, Total	97		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517054
Report Date: 07/30/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805327-3 WG805327-4 QC Sample: L1516967-01 Client ID: MS Sample												
Iron, Total	29.8	1	29.1	**0**	Q	30.5	**70**	Q	75-125	5		20
Manganese, Total	2.394	0.5	2.845	90		2.623	**46**	Q	75-125	8		20

INORGANICS
&
MISCELLANEOUS

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517054
Report Date: 07/30/15

SAMPLE RESULTS

Lab ID: L1517054-01
Client ID: MW-7A-72215
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY
Matrix: Water

Date Collected: 07/22/15 12:25
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	540.		mg CaCO3/L	2.00	NA	1	-	07/24/15 08:38	30,2320B	SG
Nitrogen, Nitrate	0.058	J	mg/l	0.10	0.019	1	-	07/24/15 00:29	44,353.2	MR
Total Organic Carbon	23.		mg/l	10	2.3	20	-	07/23/15 08:33	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	150.		mg/l	25.0	1.30	25	-	07/23/15 20:07	44,300.0	JT

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517054
Report Date: 07/30/15

SAMPLE RESULTS

Lab ID: L1517054-02
Client ID: MW-7B-72215
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY
Matrix: Water

Date Collected: 07/22/15 14:55
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	446.		mg CaCO3/L	2.00	NA	1	-	07/24/15 08:38	30,2320B	SG
Nitrogen, Nitrate	0.085	J	mg/l	0.10	0.019	1	-	07/24/15 00:34	44,353.2	MR
Total Organic Carbon	19.		mg/l	5.0	1.1	10	-	07/23/15 08:33	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	283.		mg/l	25.0	1.30	25	-	07/23/15 20:19	44,300.0	JT

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517054
Report Date: 07/30/15

SAMPLE RESULTS

Lab ID: L1517054-03
Client ID: MW-7C-72215
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY
Matrix: Water

Date Collected: 07/22/15 16:45
Date Received: 07/22/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	292.		mg CaCO3/L	2.00	NA	1	-	07/24/15 08:38	30,2320B	SG
Nitrogen, Nitrate	0.059	J	mg/l	0.10	0.019	1	-	07/24/15 00:36	44,353.2	MR
Total Organic Carbon	5.6		mg/l	2.5	0.57	5	-	07/23/15 08:33	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	682.		mg/l	25.0	1.30	25	-	07/23/15 20:31	44,300.0	JT

Project Name: COYNE TEXTILE SERVICES-MW INST

Lab Number: L1517054

Project Number: 21.0056730.40

Report Date: 07/30/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG805240-1										
Total Organic Carbon	ND		mg/l	0.50	0.11	1	-	07/23/15 08:33	1,9060A	DW
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG805513-1										
Nitrogen, Nitrate	0.030	J	mg/l	0.10	0.019	1	-	07/24/15 00:24	44,353.2	MR
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG805698-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	07/24/15 08:38	30,2320B	SG
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-03 Batch: WG806130-1										
Sulfate	ND		mg/l	1.00	0.051	1	-	07/23/15 16:31	44,300.0	JT

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517054

Report Date: 07/30/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG805240-2								
Total Organic Carbon	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG805513-2								
Nitrogen, Nitrate	106		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG805698-3								
Alkalinity, Total	106		-		90-110	-		10
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-03 Batch: WG806130-2								
Sulfate	100		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1517054
Report Date: 07/30/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805240-4 QC Sample: L1516897-02 Client ID: MS Sample												
Total Organic Carbon	1.6	20	23	108		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805513-4 QC Sample: L1517159-02 Client ID: MS Sample												
Nitrogen, Nitrate	0.077J	4	4.5	112		-	-		83-113	-		6
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805698-4 QC Sample: L1517151-01 Client ID: MS Sample												
Alkalinity, Total	56.2	100	157	101		-	-		86-116	-		10
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG806130-4 QC Sample: L1516354-02 Client ID: MS Sample												
Sulfate	115.	40	156	103		-	-		60-140	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517054
Report Date: 07/30/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805240-3 QC Sample: L1516897-02 Client ID: DUP Sample						
Total Organic Carbon	1.6	2.2J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805513-3 QC Sample: L1517159-02 Client ID: DUP Sample						
Nitrogen, Nitrate	0.077J	0.066J	mg/l	NC		6
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805698-2 QC Sample: L1517151-01 Client ID: DUP Sample						
Alkalinity, Total	56.2	56.4	mg CaCO3/L	0		10
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG806130-3 QC Sample: L1516354-02 Client ID: DUP Sample						
Sulfate	115.	116	mg/l	1		20

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517054
Report Date: 07/30/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517054-01A	Vial H2SO4 preserved	A	N/A	5.2	Y	Absent	TOC-9060(28)
L1517054-01B	Vial H2SO4 preserved	A	N/A	5.2	Y	Absent	TOC-9060(28)
L1517054-01C	20ml Vial HCl preserved	A	N/A	5.2	Y	Absent	DISSGAS(14)
L1517054-01D	20ml Vial HCl preserved	A	N/A	5.2	Y	Absent	DISSGAS(14)
L1517054-01E	Plastic 120ml unpreserved w/No H	A	N/A	5.2	Y	Absent	ALK-T-2320(14)
L1517054-01F	Plastic 250ml unpreserved	A	8	5.2	Y	Absent	SO4-300(28),NO3-353(2)
L1517054-01G	Plastic 250ml HNO3 preserved	A	<2	5.2	Y	Absent	FE-6020T(180),MN-6020T(180)
L1517054-02A	Vial H2SO4 preserved	A	N/A	5.2	Y	Absent	TOC-9060(28)
L1517054-02B	Vial H2SO4 preserved	A	N/A	5.2	Y	Absent	TOC-9060(28)
L1517054-02C	20ml Vial HCl preserved	A	N/A	5.2	Y	Absent	DISSGAS(14)
L1517054-02D	20ml Vial HCl preserved	A	N/A	5.2	Y	Absent	DISSGAS(14)
L1517054-02E	Plastic 120ml unpreserved w/No H	A	N/A	5.2	Y	Absent	ALK-T-2320(14)
L1517054-02F	Plastic 250ml unpreserved	A	8	5.2	Y	Absent	SO4-300(28),NO3-353(2)
L1517054-02G	Plastic 250ml HNO3 preserved	A	<2	5.2	Y	Absent	FE-6020T(180),MN-6020T(180)
L1517054-03A	Vial H2SO4 preserved	A	N/A	5.2	Y	Absent	TOC-9060(28)
L1517054-03B	Vial H2SO4 preserved	A	N/A	5.2	Y	Absent	TOC-9060(28)
L1517054-03C	20ml Vial HCl preserved	A	N/A	5.2	Y	Absent	DISSGAS(14)
L1517054-03D	20ml Vial HCl preserved	A	N/A	5.2	Y	Absent	DISSGAS(14)
L1517054-03E	Plastic 120ml unpreserved w/No H	A	N/A	5.2	Y	Absent	ALK-T-2320(14)
L1517054-03F	Plastic 250ml unpreserved	A	8	5.2	Y	Absent	SO4-300(28),NO3-353(2)
L1517054-03G	Plastic 250ml HNO3 preserved	A	<2	5.2	Y	Absent	FE-6020T(180),MN-6020T(180)

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517054
Project Number:	21.0056730.40	**Report Date:**	07/30/15

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517054
Project Number:	21.0056730.40	**Report Date:**	07/30/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517054
Project Number:	21.0056730.40	**Report Date:**	07/30/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Serial_No:07301512:49

ALPHA

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/23/15

ALPHA Job #: L1517254

Project Information

Project Name: Coyne Textile Services - MW Installation
Project Location: 140 Cortland Ave, Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 7/23/15
Rush (only if pre approved) ☒ VOCs ONLY # of Days: 1

Client Information

Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor
Buffalo, NY, 14203
Phone: 716-685-2300
Fax: 716-685-3029
Email: thomas.bohlen@gza.com

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK 175	Total Organic Carbon 9060	Total Fe & Mn - 6010	Alkalinity - 310.1	Sulfate - 300	Nitrate - 353.2		Sample Specific Comments	Total Bottles
17254-01	MW-7A-72215	7/22/15	1225	Aqueous	PCF	X	X	X	X	X	X	X			
02	MW-7B-72215	↓	1455	↓	PCF	X	X	X	X	X	X	X			
03	MW-7C-72215	↓	1645	↓	PCF	X	X	X	X	X	X	X			
	Trip Blank-008-72215			↓		X									

	VOC 8260	Dissolved Gases RSK 175	Total Organic Carbon 9060	Total Fe & Mn - 6010	Alkalinity - 310.1	Sulfate - 300	Nitrate - 353.2	
Container Type	V	V	V	P	P	P	P	
Preservative	B	B	D	C	O	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	7/22/15 / 1900	[signature]	7/22/15 1900
[signature]	7/22/15 0050	[signature]	7/23/15 0050
[signature]	7/23/15 ~~00~~ 0333	[signature]	7/23/15 0333

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/23/15

ALPHA Job #: L1517054

Project Information
Project Name: Coyne Textile Services - UW Installation
Project Location: 145 Cortland Ave, Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/23/15
Rush (only if pre approved) ☒ VOCs ONLY # of Days: 1

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor, Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3029
Email: thomas.bohlen@gza.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

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

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK 175	Total Organic Carbon 9060	Total Fe, Mn 6010	Alkalinity 310.1	Sulfate 300	Nitrate 353.2	Total # of Bottles	Sample Specific Comments
L1517054-01	MW-7A-72215	7/22/15	1225	Aqueous	PCF	X	X	X	X	X	X	X		
02	MW-7B-72215	↓	1455	↓	PCF	X	X	X	X	X	X	X		
03	MW-7C-72215	↓	1645	↓	PCF	X	X	X	X	X	X	X		
	Trip Blank-008-72215			↓		X								

	VOC 8260	Dissolved Gases RSK 175	Total Organic Carbon 9060	Total Fe, Mn 6010	Alkalinity 310.1	Sulfate 300	Nitrate 353.2
Container Type	V	V	V	P	P	P	P
Preservative	B	B	D	C	O	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Tatyana Finnerty	7/22/15 1900	[illegible]	7/22/15 1900
[illegible]	7/22/15 0000	[illegible]	7/23/15 0000
[illegible]	7/22/15 0033	[illegible]	7/23/15 0333
[illegible]	7/23/15 0800	Mansfield Lab	7/23/15 0800

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1517226
Client:	The Palmerton Group 535 Washington Street 11th Floor Buffalo, NY 14203
ATTN:	Thomas Bohlen
Phone:	(716) 844-7050
Project Name:	COYNE TEXTILE SERVICES-MW INST
Project Number:	21.0056730.40
Report Date:	07/31/15

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), VA (460195), MD (348), IL (200077), NC (666), TX (T104704476), DOD (L2217), USDA (Permit #P-330-11-00240).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517226
Report Date: 07/31/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1517226-01	MW-6B-72315	WATER	140 CORTLAND AVE, SYRACUSE, NY 13202	07/23/15 10:25	07/23/15
L1517226-02	MW-6C-72315	WATER	140 CORTLAND AVE, SYRACUSE, NY 13202	07/23/15 12:50	07/23/15
L1517226-03	EQUIPMENT BLANK-001	WATER	140 CORTLAND AVE, SYRACUSE, NY 13202	07/23/15 14:55	07/23/15

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517226
Project Number:	21.0056730.40	**Report Date:**	07/31/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517226
Project Number:	21.0056730.40	**Report Date:**	07/31/15

Case Narrative (continued)

Report Submission

The results of the Volatile Organics analysis has been issued under separate cover.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1517226-03: The sample was received above the appropriate pH for the Metals analysis. The laboratory added additional HNO3 to a pH <2.

Dissolved Gases

L1517226-01 was collected in a pre-preserved vial; however, the pH of the sample was determined to be greater than two.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative

Date: 07/31/15

ORGANICS

VOLATILES

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517226

Project Number: 21.0056730.40 **Report Date:** 07/31/15

SAMPLE RESULTS

Lab ID:	L1517226-01	Date Collected:	07/23/15 10:25
Client ID:	MW-6B-72315	Date Received:	07/23/15
Sample Location:	140 CORTLAND AVE, SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	117,-		
Analytical Date:	07/29/15 12:32		
Analyst:	MR		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	3880		ug/l	0.500	0.500	1	A
Ethene	593		ug/l	0.500	0.500	1	A
Ethane	728		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517226

Project Number: 21.0056730.40 **Report Date:** 07/31/15

SAMPLE RESULTS

Lab ID:	L1517226-02	Date Collected:	07/23/15 12:50
Client ID:	MW-6C-72315	Date Received:	07/23/15
Sample Location:	140 CORTLAND AVE, SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	117,-		
Analytical Date:	07/29/15 12:47		
Analyst:	MR		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	16.9		ug/l	0.500	0.500	1	A
Ethene	1.05		ug/l	0.500	0.500	1	A
Ethane	2.00		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517226

Project Number: 21.0056730.40 **Report Date:** 07/31/15

SAMPLE RESULTS

Lab ID:	L1517226-03	Date Collected:	07/23/15 14:55
Client ID:	EQUIPMENT BLANK-001	Date Received:	07/23/15
Sample Location:	140 CORTLAND AVE, SYRACUSE, NY 13202	Field Prep:	Not Specified
Matrix:	Water		
Analytical Method:	117,-		
Analytical Date:	07/29/15 11:48		
Analyst:	MR		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Dissolved Gases by GC - Mansfield Lab							
Methane	ND		ug/l	0.500	0.500	1	A
Ethene	ND		ug/l	0.500	0.500	1	A
Ethane	ND		ug/l	0.500	0.500	1	A

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517226

Project Number: 21.0056730.40 **Report Date:** 07/31/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 117,-
Analytical Date: 07/29/15 10:41
Analyst: MR

Parameter	Result	Qualifier	Units	RL	MDL	
Dissolved Gases by GC - Mansfield Lab for sample(s): 01-03 Batch: WG807000-4						
Methane	ND		ug/l	0.500	0.500	A
Ethene	ND		ug/l	0.500	0.500	A
Ethane	ND		ug/l	0.500	0.500	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517226

Report Date: 07/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03 Batch: WG807000-1									
Methane	107		-		80-120	-		25	A
Ethene	115		-		80-120	-		25	A
Ethane	113		-		80-120	-		25	A

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1517226
Report Date: 07/31/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG807000-6 QC Sample: L1517226-02 Client ID: MW-6C-72315													
Methane	16.9	54.6	69.9	97		-	-		80-120	-		25	A
Ethene	1.05	95.5	112	116		-	-		80-120	-		25	A
Ethane	2.00	102	115	110		-	-		80-120	-		25	A

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517226
Report Date: 07/31/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits	
Dissolved Gases by GC - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG807000-5 QC Sample: L1517226-01 Client ID: MW-6B-72315							
Methane	3880	3940	ug/l	2		25	A
Ethene	593	602	ug/l	2		25	A
Ethane	728	743	ug/l	2		25	A

METALS

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517226
Project Number:	21.0056730.40	**Report Date:**	07/31/15

SAMPLE RESULTS

Lab ID:	L1517226-01	Date Collected:	07/23/15 10:25
Client ID:	MW-6B-72315	Date Received:	07/23/15
Sample Location:	140 CORTLAND AVE, SYRACUSE, NY	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	2.49		mg/l	0.0500	0.0120	1	07/24/15 07:53	07/24/15 12:09	EPA 3005A	1,6020A	KL
Manganese, Total	0.3362		mg/l	0.00100	0.00030	1	07/24/15 07:53	07/24/15 12:09	EPA 3005A	1,6020A	KL

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517226
Project Number:	21.0056730.40	**Report Date:**	07/31/15

SAMPLE RESULTS

Lab ID:	L1517226-02	Date Collected:	07/23/15 12:50
Client ID:	MW-6C-72315	Date Received:	07/23/15
Sample Location:	140 CORTLAND AVE, SYRACUSE, NY	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	1.45		mg/l	0.0500	0.0120	1	07/24/15 07:53	07/24/15 12:13	EPA 3005A	1,6020A	KL
Manganese, Total	0.09217		mg/l	0.00100	0.00030	1	07/24/15 07:53	07/24/15 12:13	EPA 3005A	1,6020A	KL

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517226
Project Number:	21.0056730.40	**Report Date:**	07/31/15

SAMPLE RESULTS

Lab ID:	L1517226-03	Date Collected:	07/23/15 14:55
Client ID:	EQUIPMENT BLANK-001	Date Received:	07/23/15
Sample Location:	140 CORTLAND AVE, SYRACUSE, NY	Field Prep:	Not Specified
Matrix:	Water		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Westborough Lab											
Iron, Total	ND		mg/l	0.0500	0.0120	1	07/24/15 07:53	07/24/15 11:51	EPA 3005A	1,6020A	KL
Manganese, Total	0.00030	J	mg/l	0.00100	0.00030	1	07/24/15 07:53	07/24/15 11:51	EPA 3005A	1,6020A	KL

Project Name: COYNE TEXTILE SERVICES-MW INST **Lab Number:** L1517226

Project Number: 21.0056730.40 **Report Date:** 07/31/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Westborough Lab for sample(s): 01-03 Batch: WG805567-1										
Iron, Total	ND		mg/l	0.0500	0.0120	1	07/24/15 07:53	07/24/15 11:06	1,6020A	KL
Manganese, Total	ND		mg/l	0.00100	0.00030	1	07/24/15 07:53	07/24/15 11:06	1,6020A	KL

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517226

Report Date: 07/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 Batch: WG805567-2								
Iron, Total	92		-		80-120	-		
Manganese, Total	96		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517226
Report Date: 07/31/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805567-4 QC Sample: L1515003-90 Client ID: MS Sample												
Iron, Total	34.0	1	30.7	**0**	Q	-	-		75-125	-		20
Manganese, Total	0.9925	0.5	1.416	85		-	-		75-125	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517226
Report Date: 07/31/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805567-3 QC Sample: L1515003-90 Client ID: DUP Sample						
Iron, Total	34.0	30.4	mg/l	11		20
Manganese, Total	0.9925	1.021	mg/l	3		20

INORGANICS
&
MISCELLANEOUS

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517226
Report Date: 07/31/15

SAMPLE RESULTS

Lab ID: L1517226-01
Client ID: MW-6B-72315
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY
Matrix: Water

Date Collected: 07/23/15 10:25
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	528.		mg CaCO3/L	2.00	NA	1	-	07/24/15 08:38	30,2320B	SG
Nitrogen, Nitrate	0.056	J	mg/l	0.10	0.019	1	-	07/24/15 22:14	44,353.2	MR
Total Organic Carbon	13.		mg/l	5.0	1.1	10	-	07/27/15 07:32	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	68.1		mg/l	1.00	0.051	1	-	07/28/15 17:28	44,300.0	AU

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517226
Report Date: 07/31/15

SAMPLE RESULTS

Lab ID: L1517226-02
Client ID: MW-6C-72315
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY
Matrix: Water

Date Collected: 07/23/15 12:50
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	309.		mg CaCO3/L	2.00	NA	1	-	07/24/15 08:38	30,2320B	SG
Nitrogen, Nitrate	0.031	J	mg/l	0.10	0.019	1	-	07/24/15 22:15	44,353.2	MR
Total Organic Carbon	3.0		mg/l	2.5	0.57	5	-	07/27/15 07:32	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	719.		mg/l	50.0	2.59	50	-	07/28/15 19:52	44,300.0	AU

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517226
Report Date: 07/31/15

SAMPLE RESULTS

Lab ID: L1517226-03
Client ID: EQUIPMENT BLANK-001
Sample Location: 140 CORTLAND AVE, SYRACUSE, NY
Matrix: Water

Date Collected: 07/23/15 14:55
Date Received: 07/23/15
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	07/24/15 08:38	30,2320B	SG
Nitrogen, Nitrate	0.050	J	mg/l	0.10	0.019	1	-	07/24/15 22:16	44,353.2	MR
Total Organic Carbon	0.20	J	mg/l	0.50	0.11	1	-	07/24/15 07:35	1,9060A	DW
Anions by Ion Chromatography - Westborough Lab										
Sulfate	0.622	J	mg/l	1.00	0.051	1	-	07/28/15 17:52	44,300.0	AU

Project Name: COYNE TEXTILE SERVICES-MW INST

Lab Number: L1517226

Project Number: 21.0056730.40

Report Date: 07/31/15

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 03 Batch: WG805620-1										
Total Organic Carbon	ND		mg/l	0.50	0.11	1	-	07/24/15 07:35	1,9060A	DW
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG805651-1										
Total Organic Carbon	ND		mg/l	0.50	0.11	1	-	07/27/15 07:32	1,9060A	DW
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG805698-1										
Alkalinity, Total	ND		mg CaCO3/L	2.00	NA	1	-	07/24/15 08:38	30,2320B	SG
General Chemistry - Westborough Lab for sample(s): 01-03 Batch: WG805842-1										
Nitrogen, Nitrate	ND		mg/l	0.10	0.019	1	-	07/24/15 22:05	44,353.2	MR
Anions by Ion Chromatography - Westborough Lab for sample(s): 01-03 Batch: WG806840-1										
Sulfate	ND		mg/l	1.00	0.051	1	-	07/28/15 16:52	44,300.0	AU

Lab Control Sample Analysis

Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST

Project Number: 21.0056730.40

Lab Number: L1517226

Report Date: 07/31/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 Batch: WG805620-2								
Total Organic Carbon	99		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG805651-2								
Total Organic Carbon	98		-		90-110	-		
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG805698-3								
Alkalinity, Total	106		-		90-110	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-03 Batch: WG805842-2								
Nitrogen, Nitrate	104		-		90-110	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-03 Batch: WG806840-2								
Sulfate	99		-		90-110	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40
Lab Number: L1517226
Report Date: 07/31/15

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG805620-4 QC Sample: L1517008-02 Client ID: MS Sample												
Total Organic Carbon	29.J	800	860	107		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG805651-4 QC Sample: L1517149-01 Client ID: MS Sample												
Total Organic Carbon	22.	160	190	103		-	-		80-120	-		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805698-4 QC Sample: L1517151-01 Client ID: MS Sample												
Alkalinity, Total	56.2	100	157	101		-	-		86-116	-		10
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805842-4 QC Sample: L1517249-01 Client ID: MS Sample												
Nitrogen, Nitrate	0.22	4	4.4	104		-	-		83-113	-		6
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG806840-3 QC Sample: L1517226-01 Client ID: MW-6B-72315												
Sulfate	68.1	8	73.7	70		-	-		60-140	-		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517226
Report Date: 07/31/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG805620-3 QC Sample: L1517008-01 Client ID: DUP Sample						
Total Organic Carbon	34.J	25.J	mg/l	NC		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG805651-3 QC Sample: L1517149-01 Client ID: DUP Sample						
Total Organic Carbon	22.	22	mg/l	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805698-2 QC Sample: L1517151-01 Client ID: DUP Sample						
Alkalinity, Total	56.2	56.4	mg CaCO3/L	0		10
General Chemistry - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG805842-3 QC Sample: L1517249-01 Client ID: DUP Sample						
Nitrogen, Nitrate	0.22	0.22	mg/l	0		6
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 01-03 QC Batch ID: WG806840-4 QC Sample: L1517226-01 Client ID: MW-6B-72315						
Sulfate	68.1	67.9	mg/l	0		20

Project Name: COYNE TEXTILE SERVICES-MW INST
Project Number: 21.0056730.40

Lab Number: L1517226
Report Date: 07/31/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1517226-01A	Vial H2SO4 preserved	A	N/A	4.6	Y	Absent	TOC-9060(28)
L1517226-01B	Vial H2SO4 preserved	A	N/A	4.6	Y	Absent	TOC-9060(28)
L1517226-01C	20ml Vial HCl preserved	A	N/A	4.6	Y	Absent	DISSGAS(14)
L1517226-01D	20ml Vial HCl preserved	A	N/A	4.6	Y	Absent	DISSGAS(14)
L1517226-01E	Plastic 250ml HNO3 preserved	A	<2	4.6	Y	Absent	FE-6020T(180),MN-6020T(180)
L1517226-01F	Plastic 120ml unpreserved w/No H	A	N/A	4.6	Y	Absent	ALK-T-2320(14)
L1517226-01G	Plastic 250ml unpreserved	A	7	4.6	Y	Absent	SO4-300(28),NO3-353(2)
L1517226-02A	Vial H2SO4 preserved	A	N/A	4.6	Y	Absent	TOC-9060(28)
L1517226-02B	Vial H2SO4 preserved	A	N/A	4.6	Y	Absent	TOC-9060(28)
L1517226-02C	20ml Vial HCl preserved	A	N/A	4.6	Y	Absent	DISSGAS(14)
L1517226-02D	20ml Vial HCl preserved	A	N/A	4.6	Y	Absent	DISSGAS(14)
L1517226-02E	Plastic 250ml HNO3 preserved	A	<2	4.6	Y	Absent	FE-6020T(180),MN-6020T(180)
L1517226-02F	Plastic 120ml unpreserved w/No H	A	N/A	4.6	Y	Absent	ALK-T-2320(14)
L1517226-02G	Plastic 250ml unpreserved	A	7	4.6	Y	Absent	SO4-300(28),NO3-353(2)
L1517226-03A	Vial H2SO4 preserved	A	N/A	4.6	Y	Absent	TOC-9060(28)
L1517226-03B	Vial H2SO4 preserved	A	N/A	4.6	Y	Absent	TOC-9060(28)
L1517226-03C	20ml Vial HCl preserved	A	N/A	4.6	Y	Absent	DISSGAS(14)
L1517226-03D	20ml Vial HCl preserved	A	N/A	4.6	Y	Absent	DISSGAS(14)
L1517226-03E	Plastic 250ml HNO3 preserved	A	<2	4.6	Y	Absent	FE-6020T(180),MN-6020T(180)
L1517226-03F	Plastic 120ml unpreserved w/No H	A	N/A	4.6	Y	Absent	ALK-T-2320(14)
L1517226-03G	Plastic 250ml unpreserved	A	7	4.6	Y	Absent	SO4-300(28),NO3-353(2)

*Values in parentheses indicate holding time in days

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517226
Project Number:	21.0056730.40	**Report Date:**	07/31/15

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517226
Project Number:	21.0056730.40	**Report Date:**	07/31/15

Data Qualifiers

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	COYNE TEXTILE SERVICES-MW INST	**Lab Number:**	L1517226
Project Number:	21.0056730.40	**Report Date:**	07/31/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.

117 Technical Guidance for the Natural Attenuation Indicators: Methane, Ethane, and Ethene, EPA-NE, Revision 1, February 21, 2002 and Sample Preparation & Calculations for Dissolved Gas Analysis in Water Samples using a GC Headspace Equilibration Technique, EPA RSKSOP-175, Revision 2, May 2004.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517226

Project Information
Project Name: Coyne Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time
Standard ☐ Due Date: 7/24/15
Rush (only if pre approved) ☒ USE ONLY # of Days: 1

Client Information
Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor
Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3029
Email: thomas.bohlen@gza.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

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

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

~~VOC 624~~ | ~~Dissolved Gases RSK 175~~ | ~~Total Arsenic 6010~~ | ~~Total Cyanide 9010~~ | ~~Alkalinity 310.1~~ | ~~Sulfate 300~~ | ~~Phosphorus 365.1~~

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 624	Dissolved Gases RSK 175	Total Arsenic 6010	Total Cyanide 9010	Alkalinity 310.1	Sulfate 300	Phosphorus 365.1	Sample Specific Comments
1722In - 01	MW-6B-72315	7/23/15	1025	Aqueous	PCF	X	X	X	X	X	X	X	
-02	MW-6C-72315	7/23/15	1250	↓	PCF	X	X	X	X	X	X	X	
-03	Equipment Blank-001	7/23/15	1455	↓	PCF	X	X	X	X	X	X	X	
~~-04~~ 7/24/15	Trip Blank-009-72315	7/23/15		↓		X							

Container Type	V	V	V	P	P	P	P
Preservative	B	B	D	C	O	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	7/23/15 1615	R. Thomas AAL	7/23/15 16:15
R. Thomas AAL 7/23/15	7/23/15 1815	[illegible]	7/23/15 1840
[illegible]	7/23/15 2000	R. Thomas	07/23 2000
R. Thomas	07/23 2240	Jim Corey	7/23/15 2240
Jim Corey	7/24/15 01:20	[illegible]	7/24/15 01:20
[illegible]	7/24/15 0400	Mansfield lab	7/24/15 04:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 7/24/15

ALPHA Job #: L1517226

Client Information

Client: GZA GeoEnvironmental
Address: 535 Washington St 11th Floor, Buffalo, NY 14203
Phone: 716-685-2300
Fax: 716-685-3029
Email: thomas.bohlen@gza.com

Project Information

Project Name: Coyne Textile Services - MW Installation
Project Location: 140 Cortland Ave. Syracuse, NY 13202
Project #: 21.0056730.40
(Use Project name as Project #) ☐
Project Manager: Tom Bohlen
ALPHAQuote #:

Turn-Around Time

Standard ☐ Due Date: 7/24/15
Rush (only if pre approved) ☒ USE ONLY # of Days: 1

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do

Preservation
☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260	Dissolved Gases RSK 175	Total organic Carbon 9060	Total Fe & Mn-6010	Alkalinity - 310.1	Sulfate - 300	Nitrate - 353.2		Sample Specific Comments	Total Bottle
17226 - 01	MW-6B-72315	7/23/15	1025	Aqueous	PCF	X	X	X	X	X	X	X			
-02	MW-6C-72315	7/23/15	1250	↓	PCF	X	X	X	X	X	X	X			
-03	Equipment Blank-001	7/23/15	1455	↓	PCF	X	X	X	X	X	X	X			
~~-04~~ 7/24/15	Trip Blank-009-72315	7/23/15		↓		X									
Container Type						V	V	V	P	P	P	P			
Preservative						B	B	D	C	O	A	A			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Patrick Finnerty	7/23/15 1615	[illegible] AAL	7/23/15 16:15
[illegible] AAL 7/23/15	[illegible]	[illegible]	7/23/15 1840
	7/23/15 2000	[illegible]	7/23 2000
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[illegible]	7/24/15 01:20	[illegible]	7/24/15 01:20

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

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SITE LOGIC Report

Abiotic Potential

Contact: Tom Bohlen
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Buffalo, NY 14203

Phone: (716) 685-2300
Email: Thomas.Bohlen@gza.com

MI Identifier: 091MG

Report Date: 07/30/2015

Project Name: Cayne Textile - Offsite MW Installation

Comments:

Overview

Although not always fully considered, abiotic degradation can be a substantial or even the primary process for chlorinated hydrocarbon destruction at sites undergoing or transitioning to monitored natural attenuation (MNA). A variety of iron-bearing minerals including iron sulfides (mackinawite and pyrite), iron oxides (magnetite), green rust, and iron-bearing clays are capable of complete or nearly complete degradation of PCE, TCE, and carbon tetrachloride (He et al. 2009). Some iron-bearing minerals also catalyze the degradation of chlorinated ethanes and the lesser chlorinated ethenes cis-dichloroethene (DCE) and vinyl chloride. While the quantities and types will vary, these reactive iron minerals are frequently identified in subsurface environments under iron reducing and sulfate reducing conditions.

Brown et al. (2007) recommend four avenues for evaluating the role of abiotic processes in contaminant attenuation. First, examining contaminant concentrations along the flow path - decreasing parent compound concentrations with no evidence of accumulation of chlorinated transformation products like cis-DCE and vinyl chloride suggest abiotic degradation. Performing compound specific isotope analysis (CSIA) or monitoring for products unique to abiotic reactions such as acetylene can also provide a strong line of evidence. Microcosm studies with native sediment and killed controls can also be performed. Finally, Brown et al. (2007) suggest performing mineralogical analyses on aquifer sediment to characterize reactive minerals such as magnetite or iron monosulfides.

Magnetic Susceptibility – Magnetite

Magnetite (Fe_3O_4) is a mixed valence iron mineral shown to react with PCE, TCE, and carbon tetrachloride. Furthermore, Ferrey et al. (2004) conclusively linked the observed degradation of cis-DCE at a former ammunition plant to magnetite in the subsurface. No direct chemical test is available for quantification of magnetite. However, magnetite is the most abundant mineral in natural sediments that exhibits magnetic behavior. Therefore, magnetic susceptibility provides an inexpensive and valuable estimate of the quantity of magnetite in environmental samples.

X-ray Diffraction (XRD) – Mackinawite, Pyrite, Magnetite and Green Rust

XRD is one of the primary techniques used to identify unknown crystalline materials. Most minerals are crystalline and will scatter X-rays in a regular, characteristic manner dependent on their crystal structure.

- Mackinawite is the most reactive of the iron-bearing minerals and a crystalline form (tetragonal FeS) can be detected by XRD. Mackinawite will transform PCE and TCE primarily by elimination to acetylene. Carbon tetrachloride is transformed mainly to chloroform but carbon dioxide, formate, and carbon disulfide have also been detected. Finally, the more heavily chlorinated ethanes including hexachloroethane, pentachloroethane, and tetrachloroethanes react to form chlorinated ethenes which can be further degraded.
- Pyrite (FeS_2) catalyzes beta elimination transforming PCE, TCE, and cis-DCE to acetylene and ethene. Vinyl chloride is transformed to ethene and ethane. Pyrite is also capable of degradation of carbon tetrachloride potentially forming a number of products including chloroform, carbon dioxide, carbon disulfide, and formate depending on reaction conditions.
- While not quantitative like the magnetic susceptibility test, XRD can also detect magnetite when present at between 2% and 5% on a weight basis.
- Green rusts have been reported to transform a number of common chlorinated contaminants including cis-DCE, vinyl chloride, trichloroethanes, and tetrachloroethanes. While special sample care to prevent oxidation would be needed, XRD can be used to detect green rust.

Percent Clay

Clays have large surface areas, balanced by exchangeable cations, which can bind a large number of both organic and inorganic molecules impacting their availability and reactivity in the subsurface. While less well studied than the other iron-bearing minerals, various phyllosilicate clays have been shown to be capable of degradation of PCE, TCE, cis-DCE, vinyl chloride, and carbon tetrachloride.

Results

Table 1. Summary of the magnetic susceptibility results for solid samples.

Sample Location	MW-4-10-20	MW-567-Shallow	MW-567-Medium	MW-567-Deep
Sample Type	Solid	Solid	Solid	Solid
Magnetic Susceptibility Analysis				
Magnetic Susceptibility (m^3/kg)	**1.45E-06** ± 3.75E-07	**4.09E-07** ± 4.90E-08	**8.29E-07** ± 4.75E-09	**4.75E-07** ± 4.65E-09

References

Brown, R. A., J. T. Wilson and M. Ferrey (2007). "Monitored natural attenuation forum: The case for abiotic MNA." Remediation Journal **17**(2): 127-137.

Ferrey, M. L., R. T. Wilkin, R. G. Ford and J. T. Wilson (2004). "Nonbiological Removal of cis-Dichloroethylene and 1,1-Dichloroethylene in Aquifer Sediment Containing Magnetite." Environmental Science & Technology **38**(6): 1746-1752.

He, Y., C. Su, J. T. Wilson, R. T. Wilkin, C. Adair, T. Lee, P. Bradley and M. Ferrey (2009). Identification and characterization of methods for reactive minerals respnsible for natural attenuation of chlorinated organic compounds in ground water, US EPA.

Liu, Y., S. A. Majetich, R. D. Tilton, D. S. Sholl and G. V. Lowry (2005). "TCE Dechlorination Rates, Pathways, and Efficiency of Nanoscale Iron Particles with Different Properties." Environmental Science & Technology **39**(5): 1338-1345.

Song, H. and E. R. Carraway (2005). "Reduction of Chlorinated Ethanes by Nanosized Zero-Valent Iron: Kinetics, Pathways, and Effects of Reaction Conditions." Environmental Science & Technology **39**(16): 6237-6245.

Abiotic Reactions of Chlorinated Compounds with Iron Bearing Minerals and Zero Valent Iron (ZVI). Summaries for iron bearing minerals are based on He et al. (2009) and references therein. He et al. available at http://nepis.epa.gov/. Summary of ZVI based on Liu et al. (2005) and Song et al. (2005).

Contaminant	Mineral	Degradation	Reported Degradation Intermediates and Products[1]
PCE	FeS	Yes	Acetylene, TCE, cis-DCE, 1,1-DCE, ethene
	Pyrite	Yes	TCE, acetylene, ethene
	Magnetite	Yes	Unknown[2]
	[3]GR(SO_4)	Reports Differ	
	phyllosilicate clays	Yes	TCE, 1,1-DCE, vinyl chloride, 1,1,2-TCA, 1,1-DCA, chloroacetylene, acetylene, ethene, ethane
	ZVI	Yes	Ethene and ethane
TCE	FeS	Yes	Acetylene, cis-DCE, vinyl chloride, 1,1-DCE
	Pyrite	Yes	Acetylene, ethene, cis-DCE, (organic acids with DO present)
	Magnetite	Yes	Unknown[1]
	GR(SO_4), GR(CO_3)	No	Only observed degradation when Cu(II) added
	phyllosilicate clays	Yes	cDCE, vinyl chloride, acetylene, ethene, ethane
	ZVI	Yes	Ethane, ethene, acetylene with minor amounts of DCE, VC depending on conditions
cis-DCE	FeS	No	None detected
	Pyrite	Yes	Acetylene, ethene
	Magnetite	Yes	Unknown[2]
	GR(SO_4)	Yes	
	phyllosilicate clays	Yes	
	ZVI	Yes	Primarily acetylene and ethene but also much lesser amounts of ethane and VC and traces of methane, propane, propene, butane and butene
Vinyl chloride	FeS	Unknown	
	Pyrite	Yes	Ethene, ethane
	Magnetite	Yes	Unknown[2]
	GR(SO_4)	Yes	
	phyllosilicate clays	Yes	
	ZVI	Yes	Ethene, ethane, (no evidence of acetylene)

Contaminant	Mineral	Degradation	Reported Degradation Intermediates and Products[1]
1,1-DCA	FeS	Not Significant	None detected
1,1-DCA	GR(SO_4)	Low conversion	Ethene and ethane (w/ Cu or Ag)
1,1-DCA	ZVI	Yes (low)	Ethane
1,2-DCA	FeS	Not Significant	None detected
1,2-DCA	FeS (Biogenic)	Yes	Not monitored
1,2-DCA	GR(SO_4)	No	
1,2-DCA	ZVI	No	
1,1,1-TCA	FeS	Yes	1,1-DCA, ethene, 2-butyne
1,1,1-TCA	GR(SO_4)	Yes	1,1-DCA, CA, ethene ethane
1,1,1-TCA	ZVI	Yes	1,1-DCA, ethane
1,1,2-TCA	FeS	Rate not significant	Small amounts of 1,1-DCE and vinyl chloride but rate not significant
1,1,2-TCA	GR(SO_4)	Yes	Vinyl chloride, 1,1-DCE, ethene, ethane
1,1,2-TCA	ZVI	Yes	Ethane
1,1,1,2-TeCA	FeS	Yes	1,1-DCE
1,1,1,2-TeCA	GR(SO_4)	Yes	1,1-DCE and minor (<1%) vinyl chloride, ethene, ethane
1,1,1,2-TeCA	phyllosilicate clays	Yes	1,1-DCE
1,1,1,2-TeCA	ZVI	Yes	TCE, 1,1-DCE
1,1,2,2-TeCA	FeS	Yes	TCE, cis-DCE, trans-DCE, acetylene
1,1,2,2-TeCA	GR(SO_4)	Yes	TCE (major), cis-DCE, trans-DCE
1,1,2,2-TeCA	phyllosilicate clays	Yes	TCE
1,1,2,2-TeCA	ZVI	Yes	TCE, trans-DCE, cis-DCE
Carbon Tetrachloride	FeS	Yes	Chloroform, carbon disulfide, possibly methane, ethene, ethane
CT	Pyrite	Yes	Chloroform , CO_2, carbon disulfide, formate (highly dependent on conditions)
CT	Magnetite	Yes	Chloroform , carbon monoxide, methane, formate (highly dependent on conditions)
CT	GR(SO_4)	Yes	Chloroform and hexachloroethane; Chloroform, DCM, methane, ethene
CT	phyllosilicate clays	Yes	Chloroform
CT	ZVI	Yes	Chloroform, dichloromethane, methane (depending on conditions)

Notes: GR(SO_4) sulfate green rust. GR(CO_3) carbonate green rust. ZVI zero valent iron

[1]Compilation of reported degradation products. Mass recovery of products typically low - additional undetected and unreported products are likely. Reported reaction products or proportions of reaction products were often a function of environmental conditions.

[2]No published studies that identify the transformation products of PCE, TCE, cis-DCE or vinyl chloride with magnetite. Ferrey et al (2004) analyzed for products of cis-DCE dechlorination including vinyl chloride, ethene, and ethane and did not find them. If Fe^{2+} sorbed to magnetite stabilizes carbene ions, the ultimate degradation product of cis-DCE on magnetite would be CO_2.

REPORT TO:

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Project Manager: Tom Bohlen
Project Name: Cayuga Textile - Offsite MW Installation
Project No.: 21.0056730.40

INVOICE TO: (For Invoices paid by a third party it is imperative that all information be provided)

Name: (Same as Report To)
Company:
Address:

email:
Phone:
Fax:

Purchase Order No. 21.0056730.40
Subcontract No.
MI Quote No.

microbialinsights

10515 Research Dr
Knoxville, TN 37932
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Please Check One:

☐ More samples to follow
☐ No Additional Samples

Report Type: ☒ Standard (default) ☐ Microbial Insights Level III raw data(15% surcharge) ☐ Microbial Insights Level IV (25% surcharge) ☐ Comprehensive Interpretive(15%) ☐ Historical Interpretive (35%)

EDD type: ☒ Microbial Insights Standard (default) ☐ All other available EDDs (5% surcharge) Specify EDD Type:

Please contact us with any questions about the analyses or filling out the COC at (865) 573-8188 (9:00 am to 5:00 pm EST, M-F). After hours email: customerservice@microbe.com

Sample Information					Analyses					CENSUS: Please select the target organism/gene																								
MI ID (Laboratory Use Only)	Sample Name	Date Sampled	Time Sampled	Matrix	PLFA	Magnetic Susceptibility	DGGE+SID	QuantArray Chlor	QuantArray Petro	DHC (Dehalococcoides)	DHC Functional genes (bvc, tce, vcr)	DHBt (Dehalobacter)	DSM (Desulfuromonas)	DSB (Desulfitobacterium)	EBAC (Total)	SRB (Sulfate Reducing Bacteria-APS)	MGN (Methanogens)	MOB (Methanotrophs)	SMMO	DNF (Denitrifiers-nirS and nirK)	AOB (ammonia oxidizing bacteria)	PMI (MTBE aerobic)	RMO (Toluene Monooxygenase)	RDEG (Toluene Monooxygenase)	PHE (Phenol Hydroxylase)	NAH (Napthalene-aerobic)	BSSA (Toluene/Xylene-Anaerobic)	abs qPCR abcA	abs qPCR	RNA (Expression Option)*	Other:	Other:	Other:
091MG1	MW-4-10-20	7/16/15	0845	Soil		X																												
2	MW-567-Shallow	7/16/15	1030	Soil		X																												
3	MW-567-Medium	7/16/15	1050	Soil		X																												
4	MW-567-Deep	7/16/15	1110	Soil		X																												

Relinquished by: Patrick Finnerty Received by: [signature] Date 7/29/15

It is vital that chain of custody is filled out correctly & that all relative information is provided.
Failure to provide sufficient and/or correct information regarding reporting, invoicing & analyses requested information may result in delays for which MI will not be liable.

APPENDIX B

Limited Subsurface Investigation Report, CHA Consulting Inc.

January 8, 2021

Ms. Gail Cawley
GEC Consulting, LLC
168 Brampton Road
Syracuse, New York 13205

RE: Limited Subsurface Investigation Report
Syracuse Stamp, Cortland Avenue & South Clinton Street in Syracuse, New York
CHA Project Number: 059294.001.0008500

Dear Ms. Cawley:

CHA Consulting, Inc. (CHA) performed a limited subsurface investigation December 7th through 11th, 2020 in the street right-of-ways (ROWs) of Cortland Avenue and South Clinton Street, and on the former Syracuse Stamp property located in the City of Syracuse, Onondaga County, New York (Figure 1). CHA has prepared this report on behalf of JMA Wireless (JMA) doing business as GEC Consulting, LLC (GEC) to evaluate whether the City-owned (currently) ROWs and former Syracuse Stamp parcel along the west side of South Clinton Street should be further considered/recommended for addition to the current Former Coyne Textile Facility Brownfield Cleanup Program (BCP) site via amendment to the existing Brownfield Cleanup Agreement (BCA) as discussed further in this report. Additionally, JMA wanted to evaluate the potential contamination in the ROWs and understand the potential liabilities associated in their consideration of purchasing those areas.

As part of the initiative to build the JMA Tech Properties Campus, JMA purchased multiple properties along Cortland Avenue and South Clinton Street (Figure 2). The current Campus includes the redevelopment of the Former Coyne Textile Facility, the purchase and abandonment of two City ROWs and razing of several buildings on South Clinton Street, including the buildings on the former Syracuse Stamp parcel. These properties are shown, and color coded, on Figure 2:

- Former Coyne Textile BCP site owned by JMA and currently under redevelopment;
- Alder Creek, outside the BCP limits but owned by JMA;
- Cortland and South Clinton Street ROWs abandoned by the City of Syracuse and under consideration for purchase by JMA;
- Former Syracuse Stamp site owned by JMA and currently under redevelopment; and,
- Catholic Charities Men's Shelter to be purchased by JMA and included in the redevelopment

Currently, redevelopment plans for the portions of the campus that exclude the Former Coyne Textile Facility BCP site consist of constructing a parking lot, sidewalks, access road, and greenspace. This limited subsurface investigation was performed to identify the presence or absence of contamination within the ROWs directly east (Cortland Avenue) and west (South Clinton Street) of the Former Coyne Textile facility which is listed as an active site under the New York State BCP as Site Number C734144. The BCP property recently underwent

remediation to address two large areas of chlorinated volatile organic compound (CVOC) contamination from underground storage tanks containing tetrachloroethene (PCE) as well as one area of petroleum contamination. Additionally, limited investigation was completed on a portion of the Syracuse Stamp facility downgradient of the contaminated areas identified on the Former Coyne Textile BCP site to determine if the former Syracuse Stamp property had been impacted by off-site contaminant migration.

2019 LIMITED SUBSURFACE INVESTIGATION

In 2019, CHA, under contract with GEC, investigated the tax parcels associated with the redevelopment to the west of South Clinton Street to evaluate the possibility of applying to the New York State Department of Conservation (NYSDEC) to enter them into a brownfield program as a separate BCP site. A Limited Subsurface Investigation Report summarizing the investigation was prepared and is included in this report as Attachment A. In a meeting with Department on October 1, 2019, CHA and JMA were informed that an on-site source of contamination would have to be identified in order to enter the BCP, and off-site contamination migration would not qualify. Although petroleum contamination was observed on one portion of the former Syracuse Stamp parcel, CHA did not identify a significant source or widespread contamination of petroleum or CVOC contamination in exceedance of applicable standards and did not recommend entering these parcels into a BCA. Since that time, GEC has evaluated purchasing the ROWs from the City of Syracuse and is considering making a request to NYSDEC to amend the existing BCA to include the ROWs and the former Syracuse Stamp parcel. Therefore, GEC requested CHA extend the investigation onto the former Syracuse Stamp parcel (Tax Map Parcel (TMP) Number 094-04-05.1) directly west of Former Coyne Textile Treatment Zone 2, an area that has since been identified to contain the most contamination, although remediation of Treatment Zone 2 was completed in October 2020. In order to evaluate the results of both investigations, a summary of the 2019 investigation results are included in this report.

SUMMARY OF RESULTS

As previously mentioned, the former Syracuse Stamp parcel and multiple adjacent tax parcels included in the development of the new JMA Campus were investigated in 2019. The street ROWs were not included in the 2019 investigation. Soil, groundwater, and indoor air/soil vapor samples were collected at that time. Figure 3 shows all sampling locations for soil and groundwater associated with the work conducted in 2019 and 2020. Given the field evidence observed and the results of the laboratory analysis conducted in 2019, it was apparent that soil and groundwater contamination was present at the former Syracuse Stamp parcel and adjacent properties. Based on the information provided in the 2019 Subsurface Investigation Report, CHA concluded the following:

- Historical petroleum contamination has degraded to concentrations generally not exceeding the Unrestricted Use SCO in most soil samples through biodegradation, dispersion and other similar mechanisms. The results are consistent with an urban setting with fill and historical site uses, and therefore, would likely not warrant further investigation based on future site use as a commercial property.

- The CVOCs observed in the groundwater (near a former parking lot/loading dock area) are compounds typically associated with dry cleaning operations. The Former Coyne Textile Facility across South Clinton Street (presumed upgradient direction) is currently listed in the BCP program with known off-site groundwater impacts. The chlorinated compounds that are observed within groundwater samples GW-SB06, GW-SB13, and GW-SB14 appear likely the result of off-site impacts from the Former Coyne Textile Facility.
- During the 2019 investigation, several of the buildings were intact and occupied. Therefore, indoor air and sub-slab soil vapor samples were collected to evaluate the potential for vapor intrusion into those former structures. Although several petroleum compounds were detected within the sub-slab vapor (SSV) and indoor air (IA) samples collected, there was no exceedance of the New York State Department of Health (NYSDOH) guidance criteria. It is likely that biodegradation in the vadose zone of the soil has contributed to the breakdown of any vapors and/or the building foundations were sufficiently sealed to reduce the rate of vapor intrusion.
- A sheen and strong petroleum odors were noted on the soil and groundwater samples collected at boring locations SB-11 and SB-13 at depths of 10 to 15 feet below ground surface (bgs). This petroleum spill was reported to the NYSDEC Spill Hotline on November 8, 2019 and recorded as Spill Number 1908028. In a letter dated November 25, 2019 from JMA Wireless to the NYSDEC, JMA Wireless acknowledged intention to assume responsibility for the cleanup during redevelopment of the site.

Although it was apparent soil and groundwater was impacted by petroleum and CVOC contamination, the impacts were indicative of a significant on-site source of contamination that would make the property a strong candidate for applying to the NYSDEC for being entered into the BCP program as a new/separate brownfield site, particularly given that the Department indicated that the off-site impacts associated with the Former Coyne Textile Facility BCP site would be remediated through the Superfund Program. However, as the plans for the overall JMA Campus expanded to include the Cortland Avenue and South Clinton Street ROWs, JMA representatives wanted to evaluate the option to amend the existing Former Coyne Textile BCA to include the contiguous contaminated parcels as well. Therefore, the 2020 investigation described below was completed.

2020 LIMITED SUBSURFACE INVESTIGATION

INVESTIGATION METHODOLOGY

Subsurface Soil

To characterize the subsurface conditions, CHA retained NYEG Drilling, LLC of Brewerton, New York to advance 35 soil borings to facilitate the collection of soil samples and install seven temporary monitoring wells to facilitate the collection of groundwater samples. The soil borings were advanced using hydraulic push (Geoprobe®) drilling techniques and were continuously screened with a photoionization detector (PID) for the presence of volatile organic vapors.

A CHA environmental engineer oversaw drilling activities. The soil borings were advanced to a maximum depth of 25 feet below ground surface (bgs). The locations of these soil borings are shown on the Sample Location Map included on Figure 3. Soil boring logs and a subsurface

delineation log summarize the subsurface conditions encountered, PID readings, and other field observations and are included in Attachment B.

One representative soil sample from 20 of the 35 soil borings was selected from the horizon exhibiting the highest probability for possible contamination, typically above the groundwater table, unless signs of contamination such as staining or elevated PID readings were observed. Soil samples were collected following the requirements of EPA Method 5035. Soil samples were submitted to Alpha Analytical, Inc. located in Westborough, Massachusetts (Laboratory Certification Number 11148) for laboratory analysis of:

- VOCs via Environmental Protection Agency (EPA) Method 5035/8260;
- Semivolatile organic compounds (SVOCs) via EPA Method 8270;
- Polychlorinated biphenyls (PCBs) via EPA Method 8082A; and,
- Resource Conservation and Recovery Act (RCRA) 8 Metals via EPA Method 6010 and 7470.

CHA selected six of the soil samples for analysis of emerging contaminants based on the *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances* document released by the NYSDEC in October 2020. These samples were analyzed for:

- Per- and Polyfluoroalkyl Substances (PFAS) via EPA Method 537.1; and,
- 1,4-Dioxane via EPA Method 5035.

All non-disposable, down-hole equipment (e.g. MacroCore® sampler) was decontaminated with a detergent and water rinse between sampling locations to reduce the potential for possible cross-contamination. Upon completion of the investigation, soil borings were backfilled with excess soil generated from the boring operations. In instances of identified contamination, bentonite chips were placed in the hole before backfilling with excess soil to create a sealed plug at the bottom of the borehole.

All soil samples were placed directly into laboratory-supplied containers, which were labeled with the project name, sample identification, date, time, sampler's initials, and applicable laboratory analyses. Samples were submitted to Alpha Analytical, Inc. under proper chain-of-custody protocols.

Groundwater

As previously indicated, NYEG Drilling, LLC converted seven of the soil borings into temporary monitoring wells to facilitate the collection of groundwater samples for laboratory analysis. The location of these wells is shown on Figure 3. The locations of wells were chosen based on the presumed direction of groundwater flow and in locations where impacts from petroleum or CVOCs were likely based on downgradient proximity to known or identified contamination. The monitoring wells were constructed with one-inch diameter polyvinyl chloride (PVC) riser pipe and well screen. The well screen had a slot opening size of 0.010-inches and the screen was inserted directly into the open boring. CHA collected one groundwater sample from each of the wells using disposable PVC bailers. The installation of temporary wells and the use of bailers to collect the groundwater samples resulted in samples with elevated levels of turbidity. As discussed later, this condition often impacts the results of metals analyses.

Additionally, CHA sampled three permanent groundwater monitoring wells installed by GZA GeoEnvironmental, Inc. (GZA) in August 2015. The GZA wells were installed as cluster wells that included shallow, intermediate, and deep screened intervals for facilitate groundwater sampling at different vertical intervals within the overburden aquifer. CHA sampled the shallow interval within these three monitoring wells (wells MW-5A, MW-6A, and MW-7A). The three wells are located within a strip of grass between the concrete curbing and sidewalk located along the west side of South Clinton Street and are identified on Figure 3.

One groundwater sample for each temporary well and the three permanent wells were submitted to Alpha Analytical, Inc. located in Westborough, Massachusetts (Laboratory Certification Number 11148) for laboratory analysis of:

- VOCs via EPA Method 8260;
- SVOCs via EPA Method 8270;
- PCBs via EPA Method 8082A; and,
- RCRA 8 Metals via EPA Method 6010 and 747.

Additionally, CHA selected four of the wells to analyze for emerging contaminants based on the *Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances* document released by the NYSDEC in October 2020. These samples were analyzed for:

- Per- and Polyfluoroalkyl Substances (PFAS) via EPA Method 537.1; and,
- 1,4-Dioxane via EPA Method 8260.

The water samples were placed directly into laboratory supplied containers and submitted to the laboratory for the same analyses as the soil samples, under proper chain-of-custody protocols.

After the collection of the soil and groundwater samples, the PVC piping was removed, and each borehole was backfilled bentonite chips and/or excess soil generated from the boring operations.

FIELD OBSERVATIONS/RESULTS

Cortland Avenue

Soils beneath Cortland Avenue primarily consist of fill material to a depth of two to six feet beneath the asphalt surface. The fill material consists of granular subbase and compact gravels typically followed by silty clays intermingled with trace amounts of debris such as bricks. A silty clay layer and dark brown silt layer lie beneath the fill material to a depth of approximately 11 feet below the ground surface (bgs). Gray sands with intermittent layers of silty clays were noted beneath the thicker silt/clay layers to the end of each boring. No evidence of contamination, such as odor, PID readings, sheen, or staining, was identified in the soil borings located on Cortland Avenue.

Soil borings SB-116 and SB-119 were converted to temporary monitoring wells along the west side of Cortland Avenue. During purging and sampling of these temporary wells, the groundwater did not exhibit evidence of contamination such as odor, sheen or effervescence.

South Clinton Street

Soils beneath South Clinton Street property primarily consist of fill material to a depth of approximately six to eight feet bgs, depending on the location. The fill material generally consists of gravel subbase material, fine to coarse sands and fine gravels, and intermittent layers of silty clay beneath approximately 0.2 feet of asphalt. Fill material included gray, black, and brown intervals, was mostly compact, and intermittently contained brick fragments, pieces of glass, and traces of wood. Beneath the fill material was typically a silty clay layer ranging in thickness from four to six feet, followed by gray sands with intermittent layers of silty clays to the end of each boring.

Strong petroleum odors, elevated PID readings, and a slight sheen were noted in soil boring SB-106. Offset soil borings SB-107 through SB-110 and SB-134 were placed around boring SB-106 in attempt to delineate the extend of the contamination within the ROW. The highest level of contamination identified via a maximum PID reading of 522 parts per million (ppm), odor, and sheen, was found in boring SB-110 from 13 to 14 feet bgs. Based on offset soil borings to the north and south of SB-106, it appears the petroleum contamination is mostly within a 30-foot section of the ROW with highest concentrations on the eastern portion of the roadway.

Soil borings SB-101, SB-104 and SB-134 were converted to temporary monitoring wells within the South Clinton Street ROW. During purging and sampling, TMW-101 and TMW-104 did not exhibit evidence of contamination. Well TMW-134 was placed in the vicinity of the contamination identified near SB-110 and the purge and sample water had a mild petroleum odor.

As previously mentioned, CHA also sampled three permanent monitoring wells installed by GZA in 2014. Based on review of the historical data, CHA sampled the well interval most significantly impacted which was the shallow well at all three locations. During purging and sampling of wells MW-5A, MW-6A, and MW-7A there was no field evidence of contamination such as free product, sheen, or odor. CHA also purged a small amount of groundwater from the intermediate and deep monitoring wells at the MW-6 cluster and found no visual or olfactory evidence of contamination.

Former Syracuse Stamp Property

Soils beneath the former Syracuse Stamp property primarily consist of fill material to a depth of approximately two to three feet bgs, depending on the location. Soil borings within the building were found to have a thinner layer of fill material which consisted of fine to coarse sands and fine gravels and silty clay containing some gravel beneath approximately six inches of concrete. The exterior soil borings around the former office building were found to have a thicker fill layer identified by intermittent metal shavings, brick fragments, pieces of glass, and traces of wood. Beneath the fill material was typically an alternating silty clay then sand and fine gravel layers to six to eight feet bgs. A thick silty clay layer, ranging from four to eight feet in thickness, followed by a sand and gravel layer that was encountered to a depth of 20 to 25 feet bgs.

Strong petroleum odors, elevated PID readings (>5 ppm), sheen, and free product were identified at boring SB-115. Elevated PID readings were also identified at soil borings SB-112, SB-113, and SB-114 that were installed in 2020. These soil boring locations are in the general vicinity of petroleum contamination documented in the 2019 subsurface investigation referenced previously. On November 8, 2019 the observed contamination associated with soil borings SB-

11 and SB-13 was reported to the NYSDEC Spills Hotline and recorded as Spill No. 1908028. The NYSDEC has issued a No Further Action letter until such time as the site owner begins redevelopment of that area and the location of the spill is accessible. As of the issuance of this letter report, the aboveground structures on the former Syracuse Stamp property, apart from the steel and masonry brick building on the southern portion of the property, have been razed. Concrete slabs and underground structures remain intact at this time. The contamination identified specifically at boring SB-115 is associated with the spill number above and will be addressed during the redevelopment of the site.

Soil borings SB-112 and SB-133 were converted to temporary monitoring wells on the Syracuse Stamp property. During purging and sampling, both wells exhibited mild odors. No sheen, effervescence, or free product were observed in the groundwater in the temporary monitoring wells.

Groundwater Flow Direction

Wet or saturated soil was identified in the borings between 13 and 15 feet bgs across the site. Depth to groundwater in the temporary wells was typically recorded between 8.5 and 10 feet bgs. A survey of the wells was not prepared during this subsurface investigation because only temporary groundwater wells were installed. However, based on proximity to Onondaga Creek, the direction of groundwater flow can be approximated to be toward the west. Additionally, based upon historical water levels measured in permanent monitoring wells installed on the Former Coyne Textile BCP site, the groundwater flow direction has been identified as to the west.

ANAYLTICAL RESULTS AND DISCUSSION

Results for soil and groundwater are presented in Tables 1 and 2, respectively, and discussed in the following sections. Only the detected compounds are displayed on the tables. The full laboratory report is included in Attachment C.

Soil

Soil results are presented in Table 1 and were compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 – Soil Cleanup Objectives (SCO) for Unrestricted Use sites. The Commercial SCO is listed on Table 1 for informational purposes only as this site is not currently in a NYSDEC-regulated program. However, any compound or parameter exceeding an Unrestricted Use SCO is shaded blue and any compound or parameter exceeding a Commercial Use SCO is shaded blue and the concentration is shown in bold-face print. Quality assurance sampling was conducted by collecting one duplicate sample (CHA-1) and one set of matrix spike/matrix spike duplicate (MS/MSD) soil samples from soil boring locations SB-115 and SB-120, respectively. These samples were analyzed for the same parameters as the primary sample.

As shown in Table 1, there were multiple VOCs, SVOCs and metals detected at concentrations exceeding the Unrestricted Use SCO in many of the soil samples collected. Figure 4 visually represents the location of each soil boring and the compounds that exceed their respective SCOs.

In summary:

General:

- None of the compounds analyzed for were detected above the applicable Unrestricted Use SCOs in soil samples SOIL-SB-100, SOIL-SB-105, SOIL-SB-116, SOIL-SB-120, SOIL-SB-121, SOIL-SB-124, SOIL-SB-125, SOIL-SB-128, SOIL-SB-130, SOIL-SB-131, SOIL-SB-132, and SOIL-SB-134.

VOCs:

- VOCs associated with petroleum contamination including benzene and total xylenes were detected at concentrations exceeding the Unrestricted Use SCO in soil samples SOIL-SB-106 and SOIL-SB-110. Additionally, ethylbenzene and toluene were detected at concentrations exceeding the Unrestricted Use SCO in soil sample SOIL-SB-110.
- Compounds associated with chlorinated VOC contamination including PCE, trichloroethene (TCE), and cis-1,2-dichloroethene (cis-1,2-DCE) were detected at concentrations exceeding the Unrestricted Use SCO in sample SOIL-SB-126.
- Acetone was detected at varying concentrations across the site and exceeded the Unrestricted SCO in samples SOIL-SB-111 and SOIL-SB-129 but is likely not a contaminant of concern at the site since acetone is a common laboratory contaminant.

SVOCs:

- Detections of SVOCs exceeding Unrestricted Use SCOs were identified in sample SOIL-SB-108. Compounds detected include 2-methylnaphthalene, 3-methylphenol/4-methylphenol, acenaphthylene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene and phenol. These compounds are considered polycyclic aromatic hydrocarbons (PAHs) and are typically associated with petroleum products.
- Detections of SVOCs exceeding Unrestricted and Commercial Use SCOs were identified in sample CHA-1 which is the duplicate sample from SOIL-SB-115. Compounds detected include 3-methylphenol/4-methylphenol, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, dibenzofuran, indeno(1,2,3-cd)pyrene, naphthalene and phenol.

  Note: *Although elevated PID readings, noticeable odors, and free product were observed associated in boring SB-115, analytical results for sample SOIL-SB-115 do not exceed the Unrestricted Use SCOs for VOCs or SVOCs. However, the duplicate sample CHA-1 collected concurrently with SOIL-SB-115 analytical results indicate multiple SVOC exceedances of the Unrestricted Use and Commercial Use SCOs. The sample was appropriately homogenized and placed into the appropriate sampling jars following standard operating procedures, but the small amount used for analysis may have widely varying amounts of contamination. These results suggest that, despite efforts to homogenize the soil and collect a representative sample containing free product, the subsurface soils are heterogeneous in nature. It is likely that contamination in this area does exist above commercial SCOs. The location of soil boring SB-115 is near the previous soil borings SB-11 and SB-13 from the 2019 investigation. Free product identified at that time was reported to the NYSDEC Spill Hotline as a petroleum spill, as previously mentioned. The contamination identified in SB-115 is not considered a new*

spill location due to its proximity to previously identified contamination. The extent of the spill was not fully delineated as part of either investigation.

PCBs:

- PCBs were not detected in the soil samples.

Metals:

- Detections of metals exceeding the Unrestricted Use SCO were identified in samples SOIL-SB-111, SOIL-SB-113, SOIL-SB-115, SOIL-SB-126, and SOIL-SB-129. Compounds detected in one or more of the soil samples include lead, mercury, and silver.

Emerging Contaminants:

- The emerging contaminants PFAS compounds and 1,4-Dioxane were sampled from six of the soil boring locations. 1,4-Dioxane was not detected in the soil samples. One PFAS compound, perfluorooctanesulfonic acid (PFOS), was detected in soil sample SOIL-SB-126 at a concentration slightly above the Unrestricted Use criteria provided in the October 2020 guidance.

The compounds detected in exceedance of their Unrestricted Use SCO are primarily in two locations within the South Clinton Street ROW, as further discussed below. However, no significant impacts to soils was identified in the soil samples collected on Cortland Avenue or the former Syracuse Stamp property.

1. Area of Soil Petroleum Contamination

Soil boring locations SB-106, SB-108, and SB-110 are clustered around visible, olfactory, and photoionic evidence of contamination identified during the investigation. Analytical results indicate the contamination identified is likely attributable to a former discharge of petroleum. Upon further review of the surrounding area using information from the October 2016 Phase I Environmental Site Assessment conducted by GZA Environmental, Inc., CHA identified one suspect tank upgradient of the identified contamination on the 1951 Sanborn Fire Insurance map; however, it is unknown if this tank is still currently in place or not. This Fire Insurance Map is included as Attachment D of this report. CHA notes that the area where the suspect tank is identified on the Sanborn map is not currently owned by JMA.

2. Area of Soil CVOC Contamination

Soil boring location SB-126 is located directly downgradient of contamination identified on the Former Coyne Textile Facility BCP, specifically an area referred to as Treatment Zone 2 where CVOC contamination was known to exist. Analytical results for the soil sample SB-126 suggest CVOC contamination has migrated off-site form the Former Coyne Textile Facility. Parameters detected in soil samples collected from adjacent soil borings did not exceed the Unrestricted SCOs. It is likely historical contamination has naturally degraded to levels not exceeding their respective Unrestricted Use SCOs, which may explain the analytical results. Additionally, CVOCs are denser than water and tend to “sink” toward the bottom of the aquifer until meeting a confining layer. Therefore, it is anticipated the horizontally downgradient impact from the Former Coyne Textile Facility may have lesser impacts on soil compared to groundwater.

Groundwater

Groundwater results are presented in Table 2 and were compared to the Technical Operations and Guidance Standard 1.1.1 (TOGS 1.1.1) Ambient Water Quality Standards for Class GA waters. Quality assurance sampling was conducted by collecting one duplicate sample (CHA-1) and one set of matrix spike/matrix spike duplicate (MS/MSD) groundwater samples from monitoring wells TMW-104 and TMW-101, respectively. These samples were analyzed for the same parameters as the primary sample. In accordance with standard operating procedures, one trip blank was submitted for analysis of VOCs only. Additionally, one field blank (although pre-labelled as a trip blank by Alpha Analytical, Inc.) was submitted for analysis of PFAS.

As shown in Table 2, there were multiple VOCs, SVOCs, and metals detected in the groundwater samples collected. Figures 5, 6 and 7 visually represent the location of each groundwater sample and the VOC, SVOC, and metal compounds, respectively, that were detected at concentrations in excess of their respective TOGS 1.1.1. standard or guidance value. In summary:

VOCs:

- Two or more CVOCs including PCE, TCE, cis-1,2-DCE, trans-1,2-dichloroethene (trans-1,2-DCE), 1,1-Dichloroethene (1,1-DCE) and vinyl chloride were detected at concentrations exceeding TOGS 1.1.1 in groundwater samples MW-5A, MW-6A, MW-7A, TMW-112, and TMW-133.
- Bromomethane was detected in groundwater samples MW-6A, MW-7A, and TMW-112.
- Benzene was detected in groundwater sample TMW-101. Benzene is typically associated with petroleum contamination.

SVOCs:

- The SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd) pyrene were detected at concentrations exceeding TOGS 1.1.1 in groundwater samples MW-5A, TWM-101, TMW-104, TMW-112, TMW-116, TMW-119 and TMW-134. These compounds are PAHs and are generally associated with petroleum products.
- Naphthalene was detected at a concentration exceeding TOGS 1.1.1 in groundwater sample TMW-134.

PCBs:

- PCBs were not detected in exceedance of applicable TOGS 1.1.1 groundwater standards in the monitoring wells sampled.

Metals:

- Multiple metals were detected in groundwater samples from across the site. Arsenic, barium, cadmium, and selenium were detected at concentrations exceeding TOGS 1.1.1 in at least one of the seven wells sampled. Lead was more widespread and detected at concentrations exceeding TOGS 1.1.1 in samples MW-5A, MW-7A, TMW-104, TMW-112, TMW-116, TMW-119, TMW-133, and TMW-134. However, the levels detected are not atypical for soils sampled in an urban setting.

Emerging Contaminants

- The emerging contaminants PFAS and 1,4-Dioxane were sampled at four of the seven monitoring wells. The PFAS compound 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) was detected at a concentration exceeding the criteria provided in the October 2020 guidance document in monitoring well TMW-116. However, this detection was qualified with an "F"-value indicating the result is considered to be an estimated maximum concentration. At the time of this report, state guidance criteria for evaluating 1,4-Dioxane in groundwater is not available so the detections are compared to the drinking water maximum contaminant level of 1 microgram per liter (µg/L). 1,4-Dioxane was detected in well MW-6A at a concentration exceeding the drinking water standard.

Notably, CVOCs were detected in monitoring wells directly downgradient of the Former Coyne Textile Facility. The permanent monitoring wells installed by GZA were found to have generally lower detections of CVOCs in 2020, with one exception, compared to the samples collected by GZA and presented in the August 2015 Off-Site Environmental Characterization Report. The exception being vinyl chloride in monitoring well MW-7A which was 500 micrograms per liter (µg/L) in August 2015 compared to 900 µg/L in December 2020. Although the laboratory results of the other compounds indicate attenuation of the CVOC contamination, this increase in vinyl chloride is likely an indication of the continued breakdown of PCE contamination to its daughter products, particularly since other chlorinated compounds such as trichloroethene (TCE) and 1,2-DCE also remain above the applicable groundwater standards. Historical CVOC sample results from GZA's August 2015 report for monitoring wells MW-5A, MW-6A and MW-7A are included on Figure 5 for comparison purposes.

Detections of SVOCs and metals in the groundwater samples were relatively consistent across the Site and no on-site sources of these contaminants was identified. Typically, the SVOC detections were associated with petroleum compounds and are likely indicative of historical contamination and/or urban fill. CHA notes that metals tend to adsorb to soil particles. The groundwater samples were turbid at the time of collection which is likely attributable to the increased concentrations of metals detected in the groundwater samples.

CONCLUSIONS

Given the field evidence observed and the results of the laboratory analysis conducted during the 2019 and 2020 investigations, it is apparent that soil and groundwater contamination is present within the South Clinton Street ROW and on the former Syracuse Stamp parcel. Although low level PAH and metal contaminants were identified within the Cortland Avenue ROW, the concentrations are typical of levels observed in urban fills and would typically not necessitate active remediation. Based upon the above information, CHA has concluded the following:

- Petroleum contamination "hot spots" in two locations indicate VOC and/or SVOC contamination in exceedance of Unrestricted Use or Commercial Use SCOs. These locations include:
    - An area on the former Syracuse Stamp property near a former parking lot/loading dock areas located along the west side of South Clinton Street as evidenced by the presence of free product, heavy sheen, odor, and elevated PID readings observed

in the field as well as the analytical results associated with soil borings SB-11, SB-13, and SB-115.

- A second area of heavy sheen, odor, and elevated PID readings was observed along the eastern side of the South Clinton Street ROW, northwest of the existing Former Coyne Textile BCP site. The field observations were consistent with the analytical results associated with soil borings SB-106, SB-108, and SB-110. Note that there is a suspected tank location upgradient of this area that is not located on land currently owned or under consideration for purchase by JMA.

- CVOC contamination in exceedance of Unrestricted Use SCOs was detected in soil sample SOIL-SB-126 which is directly downgradient of the contamination identified on the Former Coyne Textile Facility BCP (specifically Treatment Zone 2 that was remediated in October 2020). The adjacent soil samples did not exceed Unrestricted Use SCOs for CVOCs, so this location is likely residual impacts from the upgradient source and not considered a "hot spot" necessitating direct remediation.
- Apart from the "hot spots", site-wide historical petroleum contamination has naturally degraded to concentrations generally not exceeding the Unrestricted Use SCO in most soil samples. The results are typically consistent with an urban setting and historical site uses, and therefore, would likely not warrant further investigation based on future site use as a commercial property.
- The CVOCs observed in the groundwater are observed within GW-SB06, GW-SB13, GW-SB14, MW-5A, MW-6A, MW-7A, TMW-101, TMW-112, and TMW-133 and are likely impacts from the migration of contamination off of the Former Coyne Textile Facility property.
- SVOC contamination, typically associated with petroleum products, observed in exceedance of TOGS 1.1.1. in groundwater site-wide is consistent with the historical use of the property.

RECOMMENDATIONS

Based on the results of this investigation in addition to the 2019 investigation, CHA recommends applying for an amendment to the NYSDEC Former Coyne Textile BCA to include the South Clinton Street and Cortland Avenue ROWs and Syracuse Stamp parcel. CHA will coordinate with GEC and JMA to discuss potential benefits and tradeoffs of modifying the existing BCA to include these additional areas following your opportunity to review this report. If you should have any questions or require additional information, please feel free to contact Samantha Miller at (315) 257-7154.

Sincerely,

Karyn Ehmann
Assistant Engineer I

CHA

Samantha Miller

Samantha J. Miller, P.E, CPESC-IT
Assistant Project Engineer III

KE/sjm
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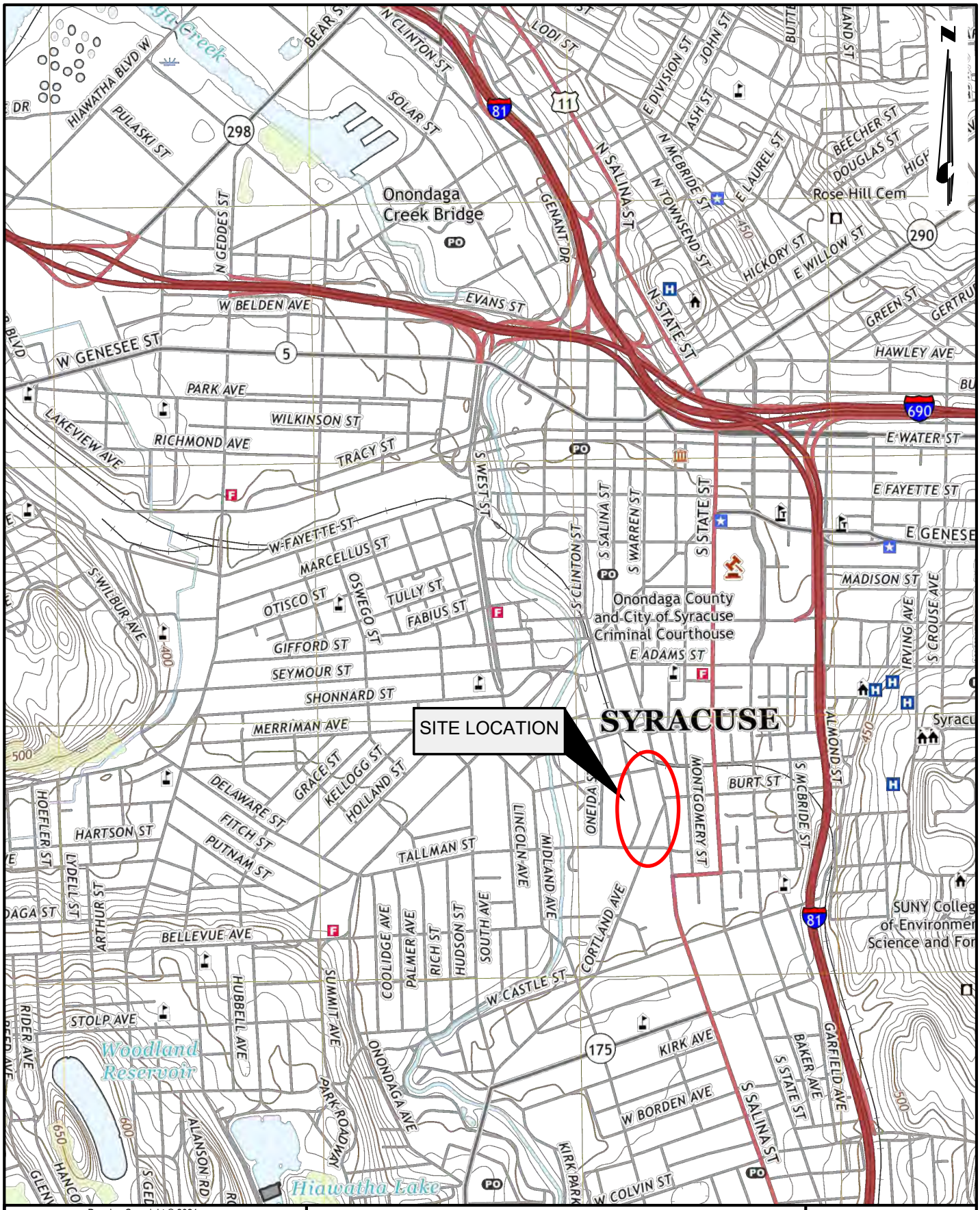
FIGURES

Figure 1 - Site Location Map
Figure 2 – Tax Map Parcels
Figure 3 – 2019 and 2020 Sample Location Map
Figure 4 – Soil Sample Location and Exceedances
Figure 5 – Groundwater Sample VOC Exceedances
Figure 6 – Groundwater Sample SVOC Exceedances
Figure 7 – Groundwater Sample Metal Exceedances



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SITE LOCATION MAP

LIMITED PHASE II SUBSURFACE INVESTIGATION
CORTLAND AVE AND SOUTH CLINTON
SYRACUSE, NEW YORK

PROJECT NO. 059294.001

DATE: 01/2021

FIGURE 1

LEGEND:

- FORMER COYNE TEXTILE BCP
- ALDER CREEK (T COYNE)
- CORTLAND AND SOUTH CLINTON STREET R.O.W.S
- FORMER SYRACUSE STAMP
- CATHOLIC CHARITIES (MENS)

0 100 200
Scale in feet

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TAX MAP PARCELS

LIMITED PHASE II SUBSURFACE INVESTIGATION
CLINTON AND SOUTH CORTLAND
SYRACUSE, NEW YORK

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FIGURE 2

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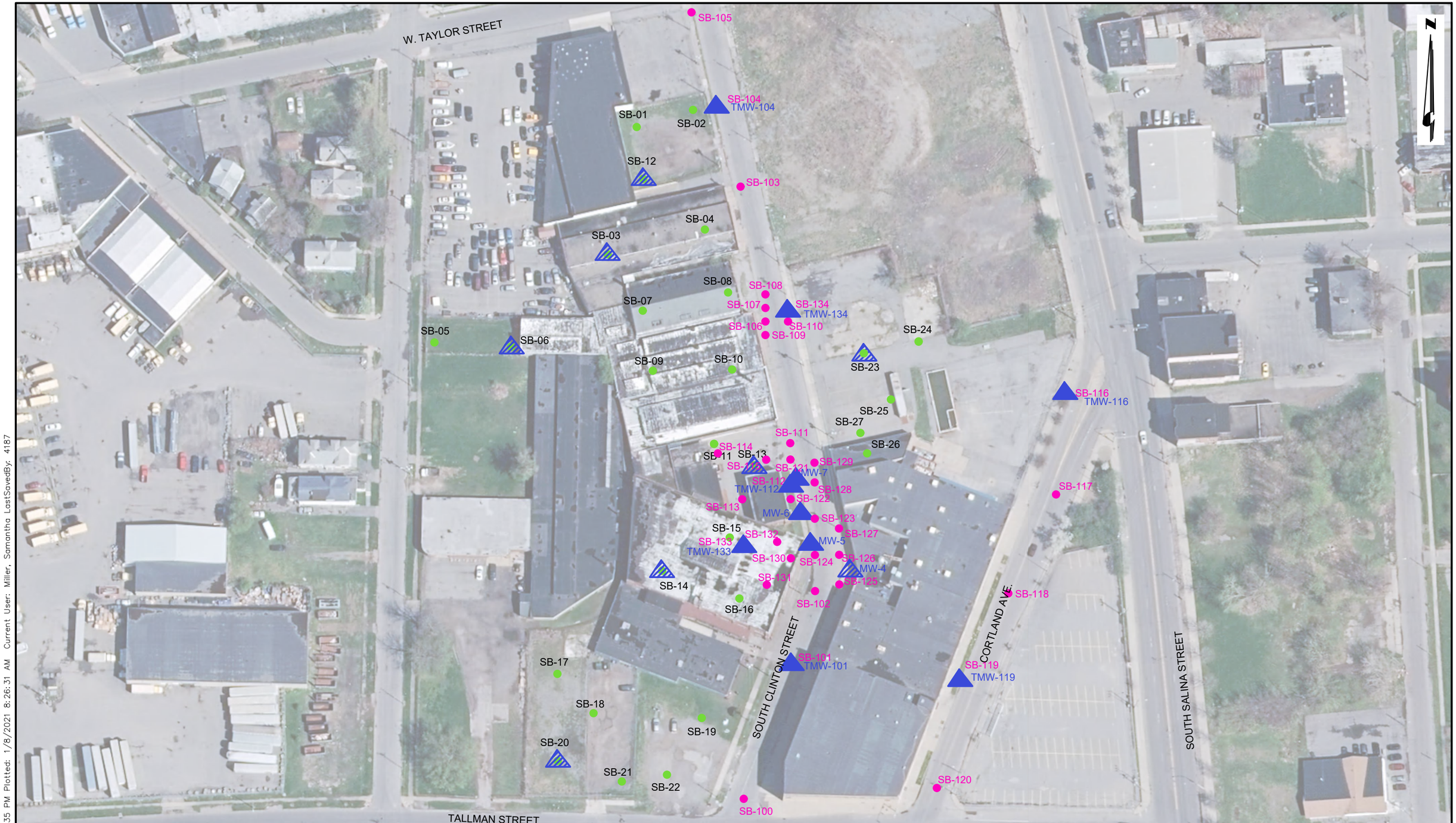

LEGEND:

- SOIL BORING LOCATION (2020)
- GROUNDWATER MONITORING WELL LOCATION (2020)
- SOIL BORING LOCATION (2019)
- HISTORIC GROUNDWATER MONITORING WELL LOCATION (2015/2019)

0 100 200
Scale in feet

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SAMPLE LOCATIONS 2019 & 2020

LIMITED PHASE II SUBSURFACE INVESTIGATION
CORTLAND AVE AND SOUTH CLINTON
SYRACUSE, NEW YORK

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FIGURE 3

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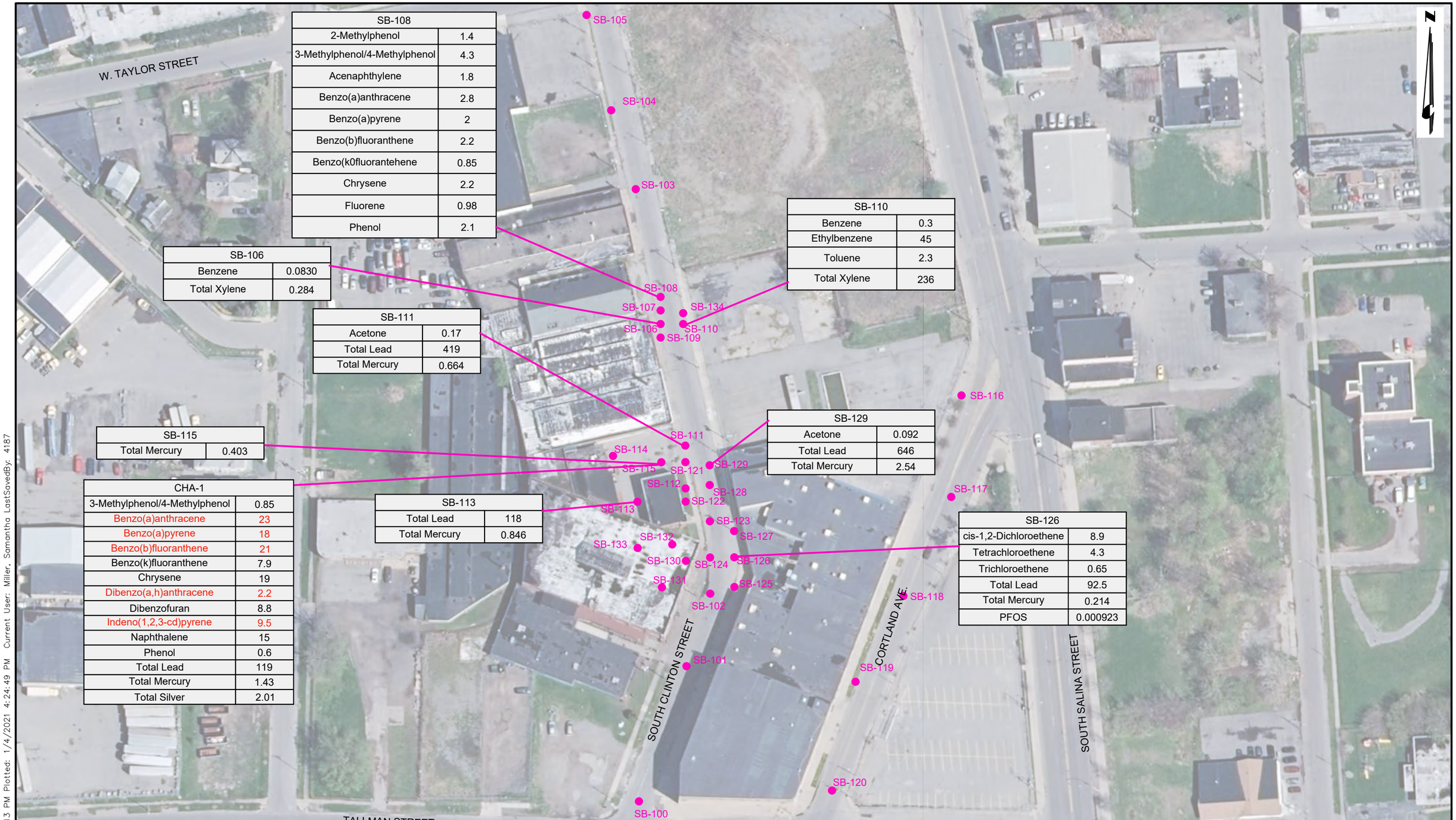

SB-108	
2-Methylphenol	1.4
3-Methylphenol/4-Methylphenol	4.3
Acenaphthylene	1.8
Benzo(a)anthracene	2.8
Benzo(a)pyrene	2
Benzo(b)fluoranthene	2.2
Benzo(k0fluorantehene	0.85
Chrysene	2.2
Fluorene	0.98
Phenol	2.1

SB-106	
Benzene	0.0830
Total Xylene	0.284

SB-110	
Benzene	0.3
Ethylbenzene	45
Toluene	2.3
Total Xylene	236

SB-111	
Acetone	0.17
Total Lead	419
Total Mercury	0.664

SB-129	
Acetone	0.092
Total Lead	646
Total Mercury	2.54

SB-115	
Total Mercury	0.403

CHA-1	
3-Methylphenol/4-Methylphenol	0.85
Benzo(a)anthracene	23
Benzo(a)pyrene	18
Benzo(b)fluoranthene	21
Benzo(k)fluoranthene	7.9
Chrysene	19
Dibenzo(a,h)anthracene	2.2
Dibenzofuran	8.8
Indeno(1,2,3-cd)pyrene	9.5
Naphthalene	15
Phenol	0.6
Total Lead	119
Total Mercury	1.43
Total Silver	2.01

SB-113	
Total Lead	118
Total Mercury	0.846

SB-126	
cis-1,2-Dichloroethene	8.9
Tetrachloroethene	4.3
Trichloroethene	0.65
Total Lead	92.5
Total Mercury	0.214
PFOS	0.000923

LEGEND:

● SOIL BORING LOCATION

RESULTS DISPLAYED IN MG/KG (PPM)

ONLY COMPOUNDS EXCEEDING 6 NYCRR PART 375 UNRESTRICTED SCOS SHOWN

COMPOUNDS IN RED EXCEED 6 NYCRR PART 375 COMMERCIAL SCOS

0 100 200

Scale in feet

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2020 SOIL SAMPLE RESULTS

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PROJECT NO. 059294.001

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FIGURE 4

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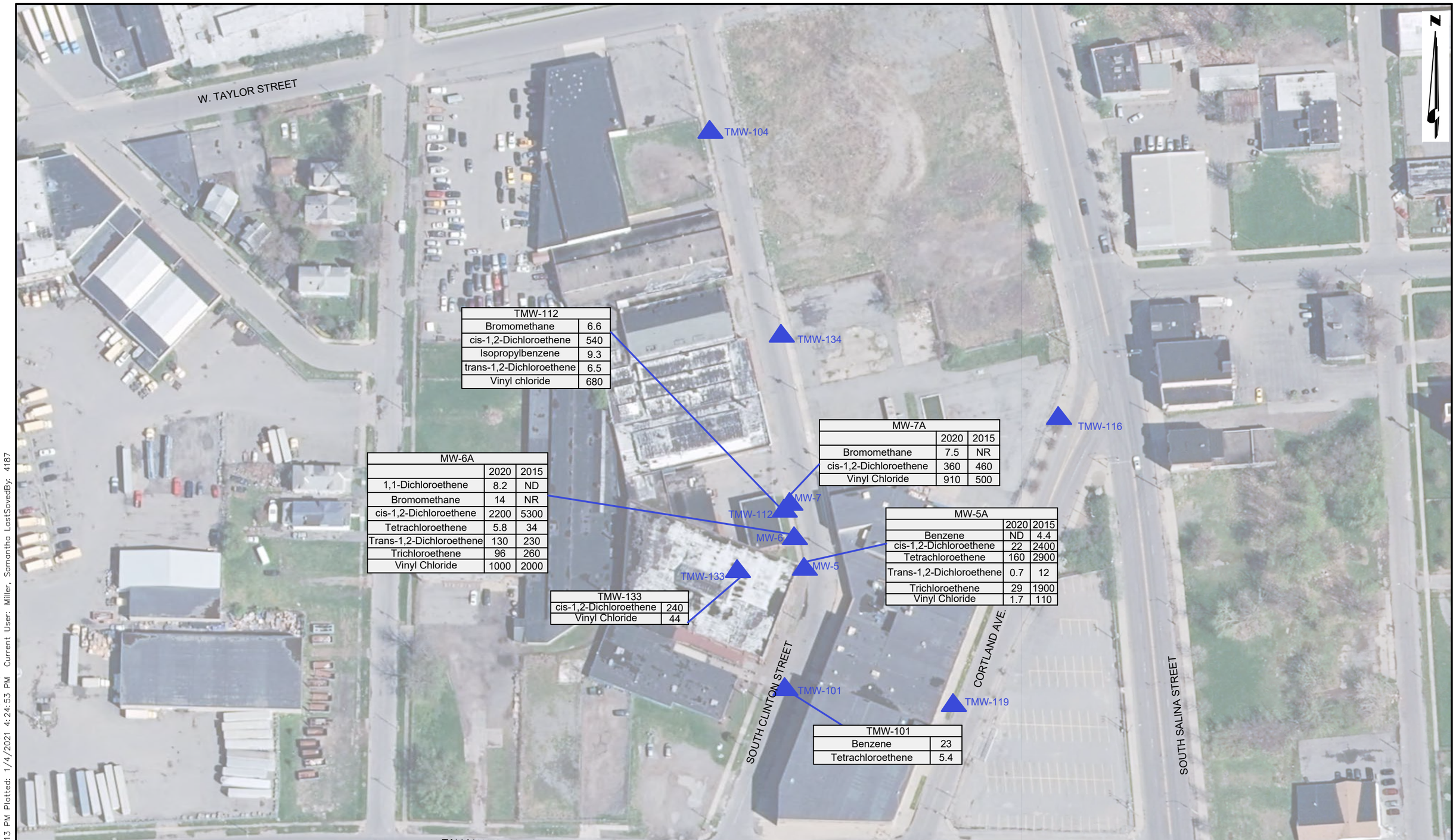

TMW-112	
Bromomethane	6.6
cis-1,2-Dichloroethene	540
Isopropylbenzene	9.3
trans-1,2-Dichloroethene	6.5
Vinyl chloride	680

MW-7A	2020	2015
Bromomethane	7.5	NR
cis-1,2-Dichloroethene	360	460
Vinyl Chloride	910	500

MW-6A	2020	2015
1,1-Dichloroethene	8.2	ND
Bromomethane	14	NR
cis-1,2-Dichloroethene	2200	5300
Tetrachloroethene	5.8	34
Trans-1,2-Dichloroethene	130	230
Trichloroethene	96	260
Vinyl Chloride	1000	2000

MW-5A	2020	2015
Benzene	ND	4.4
cis-1,2-Dichloroethene	22	2400
Tetrachloroethene	160	2900
Trans-1,2-Dichloroethene	0.7	12
Trichloroethene	29	1900
Vinyl Chloride	1.7	110

TMW-133	
cis-1,2-Dichloroethene	240
Vinyl Chloride	44

TMW-101	
Benzene	23
Tetrachloroethene	5.4

LEGEND:

▲ GROUNDWATER MONITORING WELL LOCATION

RESULTS DISPLAYED IN µg/l (PPB)

ONLY COMPOUNDS EXCEEDING TOGS 1.1.1 AQS SHOWN

ND - PARAMETER NOT DETECTED

NR - PARAMETER NOT REPORTED

0 100 200

Scale in feet

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2020 GROUNDWATER RESULTS – VOCs

LIMITED PHASE II SUBSURFACE INVESTIGATION

CORTLAND AVE AND SOUTH CLINTON

SYRACUSE, NEW YORK

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FIGURE 5

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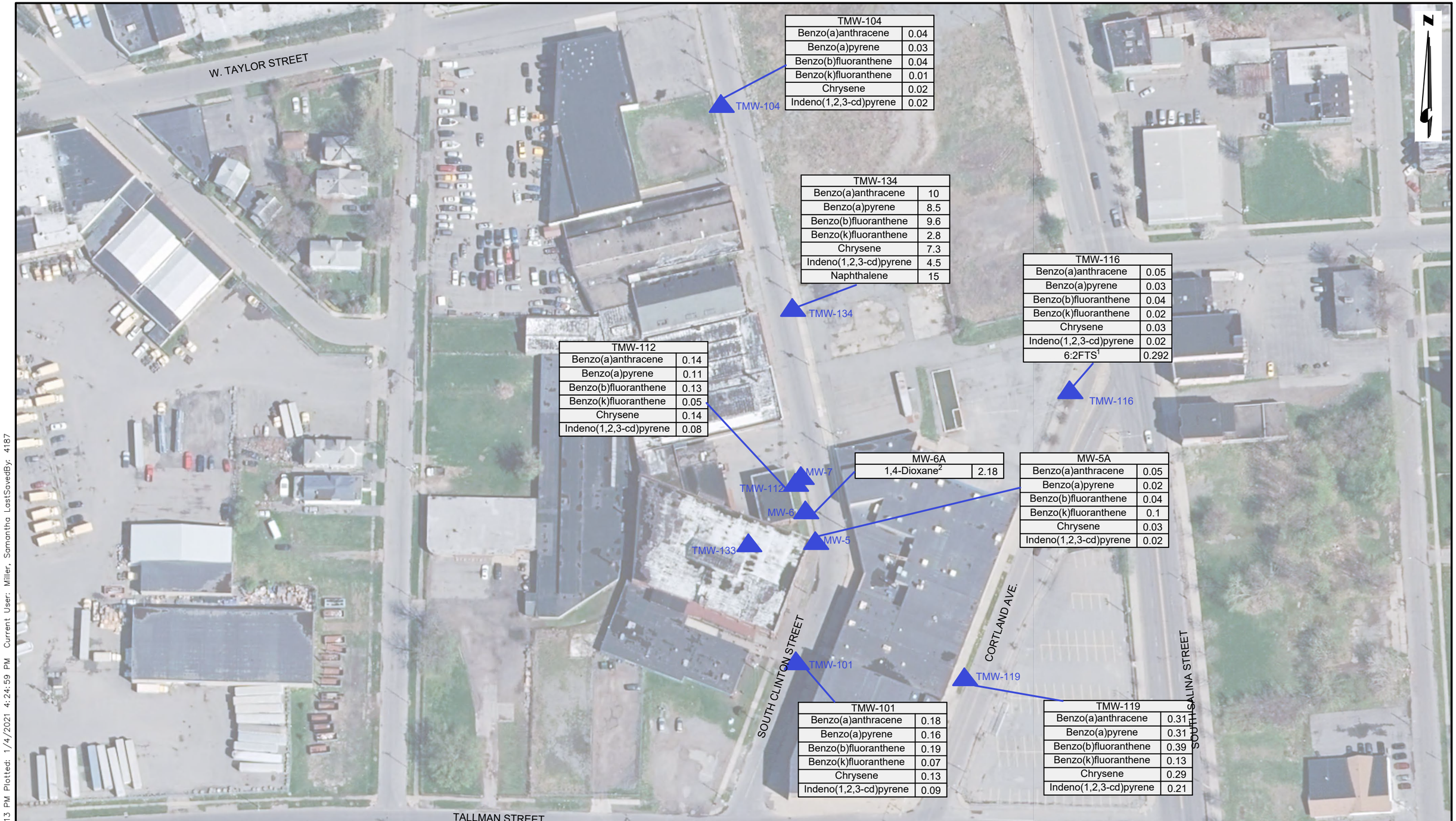

TMW-104	
Benzo(a)anthracene	0.04
Benzo(a)pyrene	0.03
Benzo(b)fluoranthene	0.04
Benzo(k)fluoranthene	0.01
Chrysene	0.02
Indeno(1,2,3-cd)pyrene	0.02

TMW-134	
Benzo(a)anthracene	10
Benzo(a)pyrene	8.5
Benzo(b)fluoranthene	9.6
Benzo(k)fluoranthene	2.8
Chrysene	7.3
Indeno(1,2,3-cd)pyrene	4.5
Naphthalene	15

TMW-116	
Benzo(a)anthracene	0.05
Benzo(a)pyrene	0.03
Benzo(b)fluoranthene	0.04
Benzo(k)fluoranthene	0.02
Chrysene	0.03
Indeno(1,2,3-cd)pyrene	0.02
6:2FTS[1]	0.292

TMW-112	
Benzo(a)anthracene	0.14
Benzo(a)pyrene	0.11
Benzo(b)fluoranthene	0.13
Benzo(k)fluoranthene	0.05
Chrysene	0.14
Indeno(1,2,3-cd)pyrene	0.08

MW-6A	
1,4-Dioxane[2]	2.18

MW-5A	
Benzo(a)anthracene	0.05
Benzo(a)pyrene	0.02
Benzo(b)fluoranthene	0.04
Benzo(k)fluoranthene	0.1
Chrysene	0.03
Indeno(1,2,3-cd)pyrene	0.02

TMW-101	
Benzo(a)anthracene	0.18
Benzo(a)pyrene	0.16
Benzo(b)fluoranthene	0.19
Benzo(k)fluoranthene	0.07
Chrysene	0.13
Indeno(1,2,3-cd)pyrene	0.09

TMW-119	
Benzo(a)anthracene	0.31
Benzo(a)pyrene	0.31
Benzo(b)fluoranthene	0.39
Benzo(k)fluoranthene	0.13
Chrysene	0.29
Indeno(1,2,3-cd)pyrene	0.21

LEGEND:

▲ GROUNDWATER MONITORING WELL LOCATION

RESULTS DISPLAYED IN µg/l (PPB)

ONLY COMPOUNDS EXCEEDING TOGS 1.1.1 AQS SHOWN

[1] - GUIDANCE VALUES OBTAINED FROM THE NYSDEC OCT. 2020 GUIDANCE

[2] - GUIDANCE VALUE FROM NYSDOH SECTION 225 FOR DRINKING WATER

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2020 GROUNDWATER RESULTS – SVOCS

LIMITED PHASE II SUBSURFACE INVESTIGATION

CORTLAND AVE AND SOUTH CLINTON

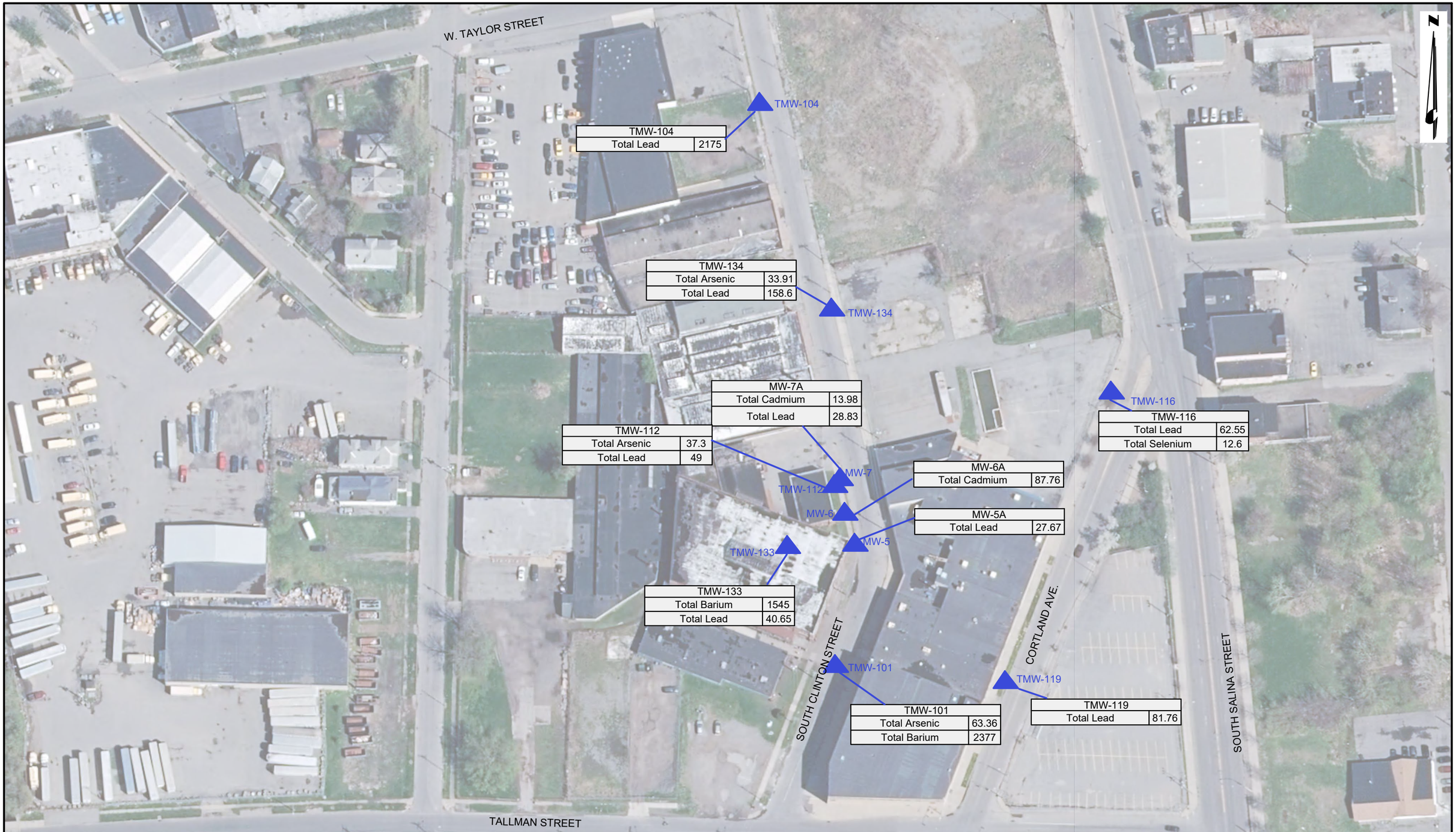
SYRACUSE, NEW YORK

PROJECT NO. 059294.001

DATE: 01/2020

FIGURE 6

File: V:\PROJECTS\ANY\K5\059294.001\CADD__ACAD\ENVP\SYRACUSE STAMP\SAMPLE LOCATION MAP.DWG
Saved: 1/4/2021 4:00:13 PM Plotted: 1/4/2021 4:24:59 PM Current User: Miller, Samantha LastSavedBy: 4187



LEGEND:

▲ GROUNDWATER MONITORING WELL LOCATION

RESULTS DISPLAYED IN µg/l (PPB)

ONLY COMPOUNDS EXCEEDING TOGS 1.1.1 AQS SHOWN

0 100 200

Scale in feet

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2020 GROUNDWATER RESULTS – METALS

LIMITED PHASE II SUBSURFACE INVESTIGATION

CORTLAND AND SOUTH CLINTON

SYRACUSE, NEW YORK

PROJECT NO. 059294.001

DATE: 01/2021

FIGURE 7

File: V:\PROJECTS\ANY\K5\059294.001\CADD_ACAD\ENVP\SYRACUSE STAMP\SAMPLE LOCATION MAP.DWG
Saved: 1/4/2021 4:00:13 PM Plotted: 1/4/2021 5:04:55 PM Current User: Miller, Samantha LastSavedBy: 4187

TABLES

Table 1 - Soil Analytical Results – Detections Only
Table 2 - Groundwater Analytical Results – Detections Only

Table 1.
Soil Sample Results
Detections Only
Limited Subsurface Investigation Syracuse Stamp, Cortland Avenue, South Clinton Street

			LOCATION	SOIL-SB-100		SOIL-SB-105		SOIL-SB-106		SOIL-SB-108	
			SAMPLING DATE	12/7/2020		12/7/2020		12/8/2020		12/8/2020	
			SAMPLE DEPTH (ft. bgs)	12 - 14		20 - 22		14 - 16		14 - 16	
	NY-RESC	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry											
Solids, Total			%	74.4		88.1		85.1		84.4	
Volatile Organics by EPA 5035											
1,2-Dichlorobenzene	500	1.1	mg/kg	0.0028	U	0.0015	U	0.1	U	0.0017	U
1,2-Dichloroethane	30	0.02	mg/kg	0.0014	U	0.00076	U	0.052	U	0.00059	J
2-Butanone	500	0.12	mg/kg	0.0082	J	0.0076	U	0.52	U	0.0083	U
Acetone	500	0.05	mg/kg	0.042		0.0076	U	0.52	U	0.006	J
Benzene	44	0.06	mg/kg	0.0007	U	0.00038	U	0.083		0.02	
Bromomethane			mg/kg	0.0028	U	0.00055	J	0.1	U	0.0017	U
Carbon disulfide			mg/kg	0.014	U	0.0076	U	0.52	U	0.0083	U
Chlorobenzene	500	1.1	mg/kg	0.0007	U	0.00038	U	0.026	U	0.00042	U
Chloroform	350	0.37	mg/kg	0.0021	U	0.0011	U	0.077	U	0.0012	U
cis-1,2-Dichloroethene	500	0.25	mg/kg	0.0014	U	0.00076	U	0.052	U	0.00083	U
Cyclohexane			mg/kg	0.014	U	0.0076	U	0.52		0.0073	J
Ethylbenzene	390	1	mg/kg	0.0014	U	0.00076	U	0.37		0.0028	
Isopropylbenzene			mg/kg	0.0014	U	0.00076	U	0.26		0.00092	
Methyl Acetate			mg/kg	0.0056	U	0.003	U	0.21	U	0.0033	U
Methyl cyclohexane			mg/kg	0.0056	U	0.003	U	2.4		0.0065	
Methylene chloride	500	0.05	mg/kg	0.007	U	0.0038	U	0.26	U	0.0042	U
o-Xylene			mg/kg	0.0014	U	0.00076	U	0.064		0.021	
p/m-Xylene			mg/kg	0.0028	U	0.0015	U	0.22		0.033	
Total Xylenes	500	0.26	mg/kg	0.0042	U	0.00226	U	0.284		0.054	
Styrene			mg/kg	0.0014	U	0.00076	U	0.052	U	0.011	
Tetrachloroethene	150	1.3	mg/kg	0.0007	U	0.00038	U	0.026	U	0.0053	
Toluene	500	0.7	mg/kg	0.0014	U	0.00076	U	0.052	U	0.027	
trans-1,2-Dichloroethene	500	0.19	mg/kg	0.0021	U	0.0011	U	0.077	U	0.0012	U
Trichloroethene	200	0.47	mg/kg	0.0007	U	0.00038	U	0.026	U	0.00042	U
Vinyl chloride	13	0.02	mg/kg	0.0014	U	0.00076	U	0.052	U	0.00083	U
Semivolatile Organics by GC/MS											
2,4-Dimethylphenol			mg/kg	0.22	U	0.18	U	0.19	U	0.54	
2-Methylnaphthalene			mg/kg	0.26	U	0.22	U	0.28		2.3	
2-Methylphenol	500	0.33	mg/kg	0.22	U	0.18	U	0.19	U	1.4	
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg	0.31	U	0.27	U	0.27	U	4.3	
Acenaphthene	500	20	mg/kg	0.17	U	0.15	U	0.15	U	0.86	
Acenaphthylene	500	100	mg/kg	0.17	U	0.15	U	0.15	U	1.8	
Anthracene	500	100	mg/kg	0.13	U	0.11	U	0.11	U	2.4	
Benzo(a)anthracene	5.6	1	mg/kg	0.13	U	0.11	U	0.11	U	2.8	
Benzo(a)pyrene	1	1	mg/kg	0.17	U	0.15	U	0.15	U	2	
Benzo(b)fluoranthene	5.6	1	mg/kg	0.13	U	0.11	U	0.11	U	2.2	
Benzo(ghi)perylene	500	100	mg/kg	0.17	U	0.15	U	0.15	U	0.77	
Benzo(k)fluoranthene	56	0.8	mg/kg	0.13	U	0.11	U	0.11	U	0.85	
Biphenyl			mg/kg	0.5	U	0.42	U	0.43	U	0.53	
Carbazole			mg/kg	0.22	U	0.18	U	0.19	U	0.76	
Chrysene	56	1	mg/kg	0.13	U	0.11	U	0.11	U	2.2	
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.13	U	0.11	U	0.11	U	0.24	
Dibenzofuran	350	7	mg/kg	0.22	U	0.18	U	0.19	U	1.9	
Fluoranthene	500	100	mg/kg	0.13	U	0.11	U	0.11	U	5.8	
Fluorene	500	30	mg/kg	0.22	U	0.18	U	0.19	U	2.5	
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	0.17	U	0.15	U	0.15	U	0.98	
Naphthalene	500	12	mg/kg	0.22	U	0.18	U	0.24		5.3	
Phenanthrene	500	100	mg/kg	0.13	U	0.11	U	0.11	U	7.1	
Phenol	500	0.33	mg/kg	0.22	U	0.18	U	0.19	U	2.1	
Pyrene	500	100	mg/kg	0.13	U	0.11	U	0.11	U	4.5	
Total Metals											
Arsenic, Total	16	13	mg/kg	2.5		3.29		0.93		2.05	
Barium, Total	400	350	mg/kg	45.2		35.4		7.72		12.9	
Cadmium, Total	9.3	2.5	mg/kg	0.286	J	0.179	J	0.154	J	0.162	J
Chromium, Total			mg/kg	9.42		6.08		6.76		5.66	
Lead, Total	1000	63	mg/kg	5.64		3.1		4.91		9.46	
Mercury, Total	2.8	0.18	mg/kg	0.084	U	0.076	U	0.081	U	0.079	U
Selenium, Total	1500	3.9	mg/kg	1.06	U	0.854	U	0.903	U	0.926	U
Silver, Total	1500	2	mg/kg	0.53	U	0.427	U	0.452	U	0.463	U
Perfluorinated Alkyl Acids by Isotope Dilution											
Perfluorooctanesulfonic Acid (PFOS) [1]	0.44	0.00088	mg/kg	-	-	-	-	0.000529	U	-	-
PFOA/PFOS, Total			mg/kg	-	-	-	-	0.000529	U	-	-
Polychlorinated Biphenyls by GC											
No Detections											

Table 1.
Soil Sample Results
Detections Only
Limited Subsurface Investigation Syracuse Stamp, Cortland Avenue, South Clinton Street

			LOCATION	SOIL-SB-110		SOIL-SB-111		SOIL-SB-113		SOIL-SB-115		CHA-1	
			SAMPLING DATE	12/8/2020		12/8/2020		12/8/2020		12/8/2020		12/8/2020	
			SAMPLE DEPTH (ft. bgs)	12 - 14		11 - 13		12 - 14		12 - 14			
	NY-RESC	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry													
Solids, Total			%	85.4		56.2		73.4		61.6		59.3	
Volatile Organics by EPA 5035													
1,2-Dichlorobenzene	500	1.1	mg/kg	0.5	U	0.0034	U	0.0023	U	0.22	U	0.96	U
1,2-Dichloroethane	30	0.02	mg/kg	0.25	U	0.0017	U	0.0012	U	0.11	U	0.48	U
2-Butanone	500	0.12	mg/kg	2.5	U	0.046		0.012	U	1.1	U	4.8	U
Acetone	500	0.05	mg/kg	2.5	U	0.17		0.032		1.1	U	4.8	U
Benzene	44	0.06	mg/kg	0.3		0.00084	U	0.00058	U	0.055	U	0.24	U
Bromomethane			mg/kg	0.5	U	0.0034	U	0.0023	U	0.22	U	0.96	U
Carbon disulfide			mg/kg	2.5	U	0.017	U	0.012	U	1.1	U	4.8	U
Chlorobenzene	500	1.1	mg/kg	0.13	U	0.00084	U	0.00058	U	0.055	U	0.24	U
Chloroform	350	0.37	mg/kg	0.38	U	0.0025	U	0.0018	U	0.16	U	0.72	U
cis-1,2-Dichloroethene	500	0.25	mg/kg	0.25	U	0.0017	U	0.0012	U	0.11	U	0.48	U
Cyclohexane			mg/kg	57		0.0087	J	0.002	J	6.4		41	
Ethylbenzene	390	1	mg/kg	45		0.0017	U	0.0012	U	0.11	U	0.18	J
Isopropylbenzene			mg/kg	4.9		0.0027		0.054		0.91		2.6	
Methyl Acetate			mg/kg	1	U	0.0068	U	0.0047	U	0.9		1.9	U
Methyl cyclohexane			mg/kg	140		0.02		0.022		33		170	E
Methylene chloride	500	0.05	mg/kg	1.3	U	0.0084	U	0.0058	U	0.55	U	2.4	U
o-Xylene			mg/kg	56		0.0017	U	0.00049	J	0.11	U	0.48	U
p/m-Xylene			mg/kg	180		0.0034	U	0.0023	U	0.09	J	0.96	U
Total Xylenes	500	0.26	mg/kg	236		0.0051	U	0.00279	J	0.2	J	1.44	U
Styrene			mg/kg	0.25	U	0.0017	U	0.0012	U	0.11	U	0.48	U
Tetrachloroethene	150	1.3	mg/kg	0.13	U	0.00084	U	0.00058	U	0.055	U	0.24	U
Toluene	500	0.7	mg/kg	2.3		0.0017	U	0.0012	U	0.11	U	0.48	U
trans-1,2-Dichloroethene	500	0.19	mg/kg	0.38	U	0.0025	U	0.0018	U	0.16	U	0.72	U
Trichloroethene	200	0.47	mg/kg	0.13	U	0.00084	U	0.00058	U	0.055	U	0.24	U
Vinyl chloride	13	0.02	mg/kg	0.25	U	0.0017	U	0.0012	U	0.11	U	0.48	U
Semivolatile Organics by GC/MS													
2,4-Dimethylphenol			mg/kg	0.19	U	0.29	U	0.23	U	0.27	U	1.4	U
2-Methylnaphthalene			mg/kg	2.9		0.069	J	0.54		5		12	
2-Methylphenol	500	0.33	mg/kg	0.19	U	0.29	U	0.23	U	0.27	U	0.29	J
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg	0.28	U	0.045	J	0.11	J	0.39	U	0.85	J
Acenaphthene	500	20	mg/kg	0.034	J	0.056	J	0.13	J	0.41		6.9	
Acenaphthylene	500	100	mg/kg	0.15	U	0.23	U	0.18	U	0.22	U	1.4	
Anthracene	500	100	mg/kg	0.11	U	0.056	J	0.13	J	0.3		16	
Benzo(a)anthracene	5.6	1	mg/kg	0.033	J	0.059	J	0.14		0.11	J	**23**	
Benzo(a)pyrene	1	1	mg/kg	0.15	U	0.09	J	0.12	J	0.22	U	**18**	
Benzo(b)fluoranthene	5.6	1	mg/kg	0.11	U	0.089	J	0.14		0.086	J	**21**	
Benzo(ghi)perylene	500	100	mg/kg	0.15	U	0.058	J	0.065	J	0.036	J	7.6	
Benzo(k)fluoranthene	56	0.8	mg/kg	0.11	U	0.17	U	0.054	J	0.16	U	7.9	
Biphenyl			mg/kg	0.44	U	0.66	U	0.52	U	0.61	U	1.6	J
Carbazole			mg/kg	0.19	U	0.29	U	0.23	U	0.27	U	1.4	U
Chrysene	56	1	mg/kg	0.024	J	0.065	J	0.13	J	0.13	J	19	
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.11	U	0.17	U	0.14	U	0.16	U	**2.2**	
Dibenzofuran	350	7	mg/kg	0.024	J	0.082	J	0.11	J	0.27	U	8.8	
Fluoranthene	500	100	mg/kg	0.087	J	0.096	J	0.31		0.24		52	
Fluorene	500	30	mg/kg	0.042	J	0.17	J	0.25		1		14	
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	0.15	U	0.061	J	0.072	J	0.22	U	**9.5**	
Naphthalene	500	12	mg/kg	3.8		0.079	J	0.15	J	0.34		15	
Phenanthrene	500	100	mg/kg	0.14		0.048	J	0.61		1.9		61	E
Phenol	500	0.33	mg/kg	0.19	U	0.29	U	0.23	U	0.27	U	0.6	J
Pyrene	500	100	mg/kg	0.076	J	0.14	J	0.31		0.46		40	
Total Metals													
Arsenic, Total	16	13	mg/kg	0.832		7.32		7.36		4.04		9.48	
Barium, Total	400	350	mg/kg	7.5		101		84		102		104	
Cadmium, Total	9.3	2.5	mg/kg	0.123	J	0.776		0.769		0.484	J	0.688	
Chromium, Total			mg/kg	5.84		18.6		12.9		16.3		18	
Lead, Total	1000	63	mg/kg	7.87		419		118		30.1		119	
Mercury, Total	2.8	0.18	mg/kg	0.08	U	0.664		0.846		0.403		1.43	
Selenium, Total	1500	3.9	mg/kg	0.88	U	1.11	J	1.36		0.496	J	0.886	J
Silver, Total	1500	2	mg/kg	0.44	U	0.384	J	0.214	J	0.337	J	2.01	
Perfluorinated Alkyl Acids by Isotope Dilution													
Perfluorooctanesulfonic Acid (PFOS) [1]	0.44	0.00088	mg/kg	-	-	-	-	0.000598	U	-	-	-	-
PFOA/PFOS, Total			mg/kg	-	-	-	-	0.000598	U	-	-	-	-
Polychlorinated Biphenyls by GC													
No Detections													

Table 1.
Soil Sample Results
Detections Only
Limited Subsurface Investigation Syracuse Stamp, Cortland Avenue, South Clinton Street

			LOCATION	SOIL-SB-116		SOIL-SB-120		SOIL-SB-121		SOIL-SB-124		SOIL-SB-125	
			SAMPLING DATE	12/9/2020		12/9/2020		12/9/2020		12/9/2020		12/10/2020	
			SAMPLE DEPTH (ft. bgs)	12 - 14		16 - 20		13 - 15		17 - 20		10 - 12	
	NY-RESC	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry													
Solids, Total			%	84.8		89		77.3		85.9		74	
Volatile Organics by EPA 5035													
1,2-Dichlorobenzene	500	1.1	mg/kg	0.002	U	0.0017	U	0.0024	U	0.00039	J	0.0027	U
1,2-Dichloroethane	30	0.02	mg/kg	0.001	U	0.00087	U	0.0012	U	0.00091	U	0.0013	U
2-Butanone	500	0.12	mg/kg	0.01	U	0.0087	U	0.0096	J	0.0091	U	0.0049	J
Acetone	500	0.05	mg/kg	0.01	U	0.0087		0.046		0.0046	J	0.032	
Benzene	44	0.06	mg/kg	0.00051	U	0.0069		0.00061	U	0.00038	J	0.00067	U
Bromomethane			mg/kg	0.002	U	0.0017	U	0.0024	U	0.0018	U	0.0027	U
Carbon disulfide			mg/kg	0.01	U	0.0041	J	0.012	U	0.0073	J	0.013	U
Chlorobenzene	500	1.1	mg/kg	0.00051	U	0.00043	U	0.00061	U	0.00097		0.00067	U
Chloroform	350	0.37	mg/kg	0.0015	U	0.00012	J	0.0018	U	0.0014	U	0.002	U
cis-1,2-Dichloroethene	500	0.25	mg/kg	0.001	U	0.00087	U	0.00025	J	0.00025	J	0.0013	U
Cyclohexane			mg/kg	0.01	U	0.0087	U	0.012	U	0.0091	U	0.013	U
Ethylbenzene	390	1	mg/kg	0.001	U	0.00087	U	0.0012	U	0.00091	U	0.0013	U
Isopropylbenzene			mg/kg	0.001	U	0.00087	U	0.0058		0.00091	U	0.00016	J
Methyl Acetate			mg/kg	0.0012	J	0.0035	U	0.0049	U	0.0013	J	0.0054	U
Methyl cyclohexane			mg/kg	0.0041	U	0.0035	U	0.0023	J	0.0036	U	0.0054	U
Methylene chloride	500	0.05	mg/kg	0.0051	U	0.0043	U	0.0061	U	0.0045	U	0.0067	U
o-Xylene			mg/kg	0.001	U	0.00087	U	0.0012	U	0.00091	U	0.0013	U
p/m-Xylene			mg/kg	0.002	U	0.0017	U	0.0024	U	0.0018	U	0.0027	U
Total Xylenes	500	0.26	mg/kg	0.003	U	0.00257	U	0.0036	U	0.00271	U	0.004	U
Styrene			mg/kg	0.001	U	0.00087	U	0.0012	U	0.00091	U	0.0013	U
Tetrachloroethene	150	1.3	mg/kg	0.00051	U	0.00023	J	0.00061	U	0.00018	J	0.00043	J
Toluene	500	0.7	mg/kg	0.001	U	0.00087	U	0.0012	U	0.00091	U	0.0013	U
trans-1,2-Dichloroethene	500	0.19	mg/kg	0.0015	U	0.00052	J	0.0018	U	0.0014	U	0.002	U
Trichloroethene	200	0.47	mg/kg	0.00051	U	0.00043	U	0.00061	U	0.00045	U	0.00067	U
Vinyl chloride	13	0.02	mg/kg	0.001	U	0.00087	U	0.0012	U	0.00082	J	0.0013	U
Semivolatile Organics by GC/MS													
2,4-Dimethylphenol			mg/kg	0.19	U	0.18	U	0.21	U	0.19	U	0.22	U
2-Methylnaphthalene			mg/kg	0.23	U	0.22	U	0.17	J	0.23	U	0.27	U
2-Methylphenol	500	0.33	mg/kg	0.19	U	0.18	U	0.21	U	0.19	U	0.22	U
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg	0.28	U	0.26	U	0.31	U	0.27	U	0.32	U
Acenaphthene	500	20	mg/kg	0.16	U	0.15	U	0.17	U	0.15	U	0.18	U
Acenaphthylene	500	100	mg/kg	0.16	U	0.15	U	0.17	U	0.15	U	0.18	U
Anthracene	500	100	mg/kg	0.12	U	0.11	U	0.13	U	0.11	U	0.13	U
Benzo(a)anthracene	5.6	1	mg/kg	0.12	U	0.11	U	0.13	U	0.11	U	0.13	U
Benzo(a)pyrene	1	1	mg/kg	0.16	U	0.15	U	0.17	U	0.15	U	0.18	U
Benzo(b)fluoranthene	5.6	1	mg/kg	0.12	U	0.11	U	0.13	U	0.11	U	0.13	U
Benzo(ghi)perylene	500	100	mg/kg	0.16	U	0.15	U	0.17	U	0.15	U	0.18	U
Benzo(k)fluoranthene	56	0.8	mg/kg	0.12	U	0.11	U	0.13	U	0.11	U	0.13	U
Biphenyl			mg/kg	0.44	U	0.42	U	0.48	U	0.43	U	0.51	U
Carbazole			mg/kg	0.19	U	0.18	U	0.21	U	0.19	U	0.22	U
Chrysene	56	1	mg/kg	0.12	U	0.11	U	0.13	U	0.11	U	0.13	U
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.12	U	0.11	U	0.13	U	0.11	U	0.13	U
Dibenzofuran	350	7	mg/kg	0.19	U	0.18	U	0.21	U	0.19	U	0.22	U
Fluoranthene	500	100	mg/kg	0.12	U	0.11	U	0.13	U	0.11	U	0.13	U
Fluorene	500	30	mg/kg	0.19	U	0.18	U	0.21	U	0.19	U	0.22	U
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	0.16	U	0.15	U	0.17	U	0.15	U	0.18	U
Naphthalene	500	12	mg/kg	0.19	U	0.18	U	0.21	U	0.19	U	0.22	U
Phenanthrene	500	100	mg/kg	0.12	U	0.11	U	0.041	J	0.11	U	0.13	U
Phenol	500	0.33	mg/kg	0.19	U	0.18	U	0.21	U	0.19	U	0.22	U
Pyrene	500	100	mg/kg	0.12	U	0.11	U	0.13	U	0.11	U	0.13	U
Total Metals													
Arsenic, Total	16	13	mg/kg	2.83		9.73		1.27		5.24		2.62	
Barium, Total	400	350	mg/kg	37.6		40.1		55.6		62.4		39.6	
Cadmium, Total	9.3	2.5	mg/kg	0.159	J	0.241	J	0.284	J	0.253	J	0.301	J
Chromium, Total			mg/kg	4.92		9.35		10.5		5.36		10.2	
Lead, Total	1000	63	mg/kg	2.58		3.89		17.2		2.45		9.68	
Mercury, Total	2.8	0.18	mg/kg	0.083	U	0.073	U	0.083	U	0.083	U	0.085	U
Selenium, Total	1500	3.9	mg/kg	0.906	U	0.846	U	0.98	U	0.902	U	0.704	J
Silver, Total	1500	2	mg/kg	0.453	U	0.423	U	0.49	U	0.451	U	0.51	U
Perfluorinated Alkyl Acids by Isotope Dilution													
Perfluorooctanesulfonic Acid (PFOS) [1]	0.44	0.00088	mg/kg	0.000572	U	-	-	-	-	0.000569	U	-	-
PFOA/PFOS, Total			mg/kg	0.000572	U	-	-	-	-	0.000569	U	-	-
Polychlorinated Biphenyls by GC													
No Detections													

Table 1.
Soil Sample Results
Detections Only
Limited Subsurface Investigation Syracuse Stamp, Cortland Avenue, South Clinton Street

			LOCATION	SOIL-SB-126		SOIL-SB-128		SOIL-SB-129		SOIL-SB-130	
			SAMPLING DATE	12/10/2020		12/10/2020		12/10/2020		12/10/2020	
			SAMPLE DEPTH (ft. bgs)	15 - 18		15 - 17		9 - 10		18 - 20	
	NY-RESC	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry											
Solids, Total			%	60.7		74.4		74		81.3	
Volatile Organics by EPA 5035											
1,2-Dichlorobenzene	500	1.1	mg/kg	0.076	J	0.0024	U	0.0024	U	0.0019	U
1,2-Dichloroethane	30	0.02	mg/kg	0.11	U	0.0012	U	0.0012	U	0.00095	U
2-Butanone	500	0.12	mg/kg	1.1	U	0.0045	J	0.02		0.0095	U
Acetone	500	0.05	mg/kg	1.1	U	0.031		0.092		0.011	
Benzene	44	0.06	mg/kg	0.054	U	0.0016		0.0006	U	0.00048	U
Bromomethane			mg/kg	0.21	U	0.0024	U	0.0024	U	0.0019	U
Carbon disulfide			mg/kg	1.1	U	0.012	U	0.012	U	0.005	J
Chlorobenzene	500	1.1	mg/kg	0.054	U	0.00059	U	0.0006	U	0.00013	J
Chloroform	350	0.37	mg/kg	0.16	U	0.0018	U	0.0018	U	0.0014	U
cis-1,2-Dichloroethene	500	0.25	mg/kg	8.9		0.0003	J	0.0012	U	0.00028	J
Cyclohexane			mg/kg	1.1	U	0.012	U	0.012	U	0.0095	U
Ethylbenzene	390	1	mg/kg	0.11	U	0.0012	U	0.0012	U	0.00095	U
Isopropylbenzene			mg/kg	0.17		0.0012	U	0.0012	U	0.00095	U
Methyl Acetate			mg/kg	0.54		0.0047	U	0.0048	U	0.0038	U
Methyl cyclohexane			mg/kg	0.43	U	0.0047	U	0.00084	J	0.0038	U
Methylene chloride	500	0.05	mg/kg	0.54	U	0.0059	U	0.006	U	0.0025	J
o-Xylene			mg/kg	0.11	U	0.0012	U	0.0012	U	0.00095	U
p/m-Xylene			mg/kg	0.082	J	0.0024	U	0.0024	U	0.0019	U
Total Xylenes	500	0.26	mg/kg	0.082	J	0.0036	U	0.0036	U	0.00285	U
Styrene			mg/kg	0.11	U	0.0012	U	0.0012	U	0.00095	U
Tetrachloroethene	150	1.3	mg/kg	4.3		0.0009		0.0006	U	0.00048	U
Toluene	500	0.7	mg/kg	0.11	U	0.0012	U	0.0012	U	0.00095	U
trans-1,2-Dichloroethene	500	0.19	mg/kg	0.16	U	0.0018	U	0.0018	U	0.0014	U
Trichloroethene	200	0.47	mg/kg	0.65		0.00059	U	0.0006	U	0.00048	U
Vinyl chloride	13	0.02	mg/kg	0.11	U	0.00075	J	0.0012	U	0.00095	U
Semivolatile Organics by GC/MS											
2,4-Dimethylphenol			mg/kg	0.27	U	0.22	U	0.22	U	0.2	U
2-Methylnaphthalene			mg/kg	0.32	U	0.034	J	0.12	J	0.24	U
2-Methylphenol	500	0.33	mg/kg	0.27	U	0.22	U	0.22	U	0.2	U
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg	0.38	U	0.24	J	0.058	J	0.29	U
Acenaphthene	500	20	mg/kg	0.21	U	0.062	J	0.025	J	0.16	U
Acenaphthylene	500	100	mg/kg	0.21	U	0.17	U	0.18	U	0.16	U
Anthracene	500	100	mg/kg	0.16	U	0.098	J	0.046	J	0.12	U
Benzo(a)anthracene	5.6	1	mg/kg	0.16	U	0.2		0.07	J	0.12	U
Benzo(a)pyrene	1	1	mg/kg	0.21	U	0.21		0.068	J	0.16	U
Benzo(b)fluoranthene	5.6	1	mg/kg	0.16	U	0.22		0.084	J	0.12	U
Benzo(ghi)perylene	500	100	mg/kg	0.21	U	0.11	J	0.031	J	0.16	U
Benzo(k)fluoranthene	56	0.8	mg/kg	0.16	U	0.066	J	0.13	U	0.12	U
Biphenyl			mg/kg	0.61	U	0.49	U	0.51	U	0.46	U
Carbazole			mg/kg	0.27	U	0.038	J	0.22	U	0.2	U
Chrysene	56	1	mg/kg	0.16	U	0.19		0.07	J	0.12	U
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.16	U	0.031	J	0.13	U	0.12	U
Dibenzofuran	350	7	mg/kg	0.27	U	0.046	J	0.032	J	0.2	U
Fluoranthene	500	100	mg/kg	0.16	U	0.44		0.14		0.12	U
Fluorene	500	30	mg/kg	0.27	U	0.073	J	0.032	J	0.2	U
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	0.21	U	0.11	J	0.035	J	0.16	U
Naphthalene	500	12	mg/kg	0.27	U	0.16	J	0.1	J	0.2	U
Phenanthrene	500	100	mg/kg	0.16	U	0.4		0.085	J	0.12	U
Phenol	500	0.33	mg/kg	0.27	U	0.22	U	0.22	U	0.2	U
Pyrene	500	100	mg/kg	0.16	U	0.38		0.16		0.12	U
Total Metals											
Arsenic, Total	16	13	mg/kg	7.75		10.9		11.8		8.86	
Barium, Total	400	350	mg/kg	60		44.5		62.6		38.4	
Cadmium, Total	9.3	2.5	mg/kg	0.452	J	0.456	J	0.827		0.239	J
Chromium, Total			mg/kg	11		12.2		18.4		5.63	
Lead, Total	1000	63	mg/kg	92.5		33.7		646		2.24	J
Mercury, Total	2.8	0.18	mg/kg	0.214		0.108		2.54		0.077	U
Selenium, Total	1500	3.9	mg/kg	1.27	U	1.01	U	0.816	J	0.939	U
Silver, Total	1500	2	mg/kg	0.636	U	0.507	U	0.513	U	0.469	U
Perfluorinated Alkyl Acids by Isotope Dilution											
Perfluorooctanesulfonic Acid (PFOS) [1]	0.44	0.00088	mg/kg	0.000923		-	-	-	-	-	-
PFOA/PFOS, Total			mg/kg	0.000923		-	-	-	-	-	-
Polychlorinated Biphenyls by GC											
No Detections											

Table 1.
Soil Sample Results
Detections Only
Limited Subsurface Investigation Syracuse Stamp, Cortland Avenue, South Clinton Street

			LOCATION	SOIL-SB-131		SOIL-SB-132		SOIL-SB-134	
			SAMPLING DATE	12/10/2020		12/10/2020		12/10/2020	
			SAMPLE DEPTH (ft. bgs)	15 - 20		17 - 19		16 - 18	
	NY-RESC	NY-UNRES	Units	Results	Qual	Results	Qual	Results	Qual
General Chemistry									
Solids, Total			%	77		85.6		76.6	
Volatile Organics by EPA 5035									
1,2-Dichlorobenzene	500	1.1	mg/kg	0.002	U	0.0017	U	0.0019	U
1,2-Dichloroethane	30	0.02	mg/kg	0.001	U	0.00085	U	0.00095	U
2-Butanone	500	0.12	mg/kg	0.006	J	0.0085	U	0.0095	U
Acetone	500	0.05	mg/kg	0.037		0.021		0.0086	J
Benzene	44	0.06	mg/kg	0.001		0.00014	J	0.0015	
Bromomethane			mg/kg	0.002	U	0.0017	U	0.0019	U
Carbon disulfide			mg/kg	0.01	U	0.0057	J	0.0095	U
Chlorobenzene	500	1.1	mg/kg	0.00051	U	0.00034	J	0.00048	U
Chloroform	350	0.37	mg/kg	0.0015	U	0.0013	U	0.0014	U
cis-1,2-Dichloroethene	500	0.25	mg/kg	0.001	U	0.00085	U	0.00095	U
Cyclohexane			mg/kg	0.0011	J	0.0085	U	0.047	
Ethylbenzene	390	1	mg/kg	0.001	U	0.00085	U	0.00084	J
Isopropylbenzene			mg/kg	0.001	U	0.00085	U	0.0051	
Methyl Acetate			mg/kg	0.0041	U	0.0016	J	0.0038	U
Methyl cyclohexane			mg/kg	0.0041	U	0.0034	U	0.14	
Methylene chloride	500	0.05	mg/kg	0.0051	U	0.0024	J	0.0048	U
o-Xylene			mg/kg	0.001	U	0.00085	U	0.00032	J
p/m-Xylene			mg/kg	0.002	U	0.0017	U	0.0025	
Total Xylenes	500	0.26	mg/kg	0.003	U	0.00255		0.01232	J
Styrene			mg/kg	0.001	U	0.00085	U	0.00095	U
Tetrachloroethene	150	1.3	mg/kg	0.00051	U	0.00042	U	0.00048	U
Toluene	500	0.7	mg/kg	0.001	U	0.00085	U	0.00062	J
trans-1,2-Dichloroethene	500	0.19	mg/kg	0.00032	J	0.0013	U	0.0014	U
Trichloroethene	200	0.47	mg/kg	0.00051	U	0.00042	U	0.00048	U
Vinyl chloride	13	0.02	mg/kg	0.001	U	0.00085	U	0.00095	U
Semivolatile Organics by GC/MS									
2,4-Dimethylphenol			mg/kg	0.21	U	0.19	U	0.21	U
2-Methylnaphthalene			mg/kg	0.26	U	0.23	U	0.25	U
2-Methylphenol	500	0.33	mg/kg	0.21	U	0.19	U	0.21	U
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg	0.31	U	0.27	U	0.3	U
Acenaphthene	500	20	mg/kg	0.17	U	0.15	U	0.17	U
Acenaphthylene	500	100	mg/kg	0.17	U	0.15	U	0.17	U
Anthracene	500	100	mg/kg	0.13	U	0.11	U	0.13	U
Benzo(a)anthracene	5.6	1	mg/kg	0.13	U	0.11	U	0.13	U
Benzo(a)pyrene	1	1	mg/kg	0.17	U	0.15	U	0.17	U
Benzo(b)fluoranthene	5.6	1	mg/kg	0.13	U	0.11	U	0.13	U
Benzo(ghi)perylene	500	100	mg/kg	0.17	U	0.15	U	0.17	U
Benzo(k)fluoranthene	56	0.8	mg/kg	0.13	U	0.11	U	0.13	U
Biphenyl			mg/kg	0.49	U	0.44	U	0.48	U
Carbazole			mg/kg	0.21	U	0.19	U	0.21	U
Chrysene	56	1	mg/kg	0.13	U	0.11	U	0.13	U
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.13	U	0.11	U	0.13	U
Dibenzofuran	350	7	mg/kg	0.21	U	0.19	U	0.21	U
Fluoranthene	500	100	mg/kg	0.13	U	0.11	U	0.13	U
Fluorene	500	30	mg/kg	0.21	U	0.19	U	0.21	U
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	0.17	U	0.15	U	0.17	U
Naphthalene	500	12	mg/kg	0.21	U	0.19	U	0.21	U
Phenanthrene	500	100	mg/kg	0.13	U	0.11	U	0.13	U
Phenol	500	0.33	mg/kg	0.21	U	0.19	U	0.21	U
Pyrene	500	100	mg/kg	0.13	U	0.11	U	0.13	U
Total Metals									
Arsenic, Total	16	13	mg/kg	2.84		4.81		0.569	
Barium, Total	400	350	mg/kg	46.2		46.6		8.61	
Cadmium, Total	9.3	2.5	mg/kg	0.254	J	0.211	J	0.282	J
Chromium, Total			mg/kg	5.94		5.24		5.85	
Lead, Total	1000	63	mg/kg	11.9		2.11	J	4.9	
Mercury, Total	2.8	0.18	mg/kg	0.091	U	0.073	U	0.082	U
Selenium, Total	1500	3.9	mg/kg	0.994	U	0.898	U	0.989	U
Silver, Total	1500	2	mg/kg	0.497	U	0.449	U	0.494	U
Perfluorinated Alkyl Acids by Isotope Dilution									
Perfluorooctanesulfonic Acid (PFOS) [1]	0.44	0.00088	mg/kg	0.000589	U	-	-	-	-
PFOA/PFOS, Total			mg/kg	0.000589	U	-	-	-	-
Polychlorinated Biphenyls by GC									
No Detections									

Notes:

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

1 - Guidance values obtained from the NYSDEC October 2020 Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS).

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

U - Not detected at the reported detection limit for the sample.

Table 2.
Groundwater Sample Results
Detections Only
Limited Subsurface Investigation Syracuse Stamp, Cortland Avenue, South Clinton Street

	LOCATION		MW-5A		MW-6A		MW-7A		TMW-101	
	SAMPLING DATE		12/11/2020		12/10/2020		12/10/2020		12/10/2020	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS										
1,1-Dichloroethene	5	ug/l	0.5	U	8.2	J	5	U	0.5	U
Acetone	50	ug/l	5	U	100	U	50	U	5.5	
Benzene	1	ug/l	0.5	U	10	U	5	U	23	
Bromomethane	5	ug/l	2.5	U	**14**	J	7.5	J	2.5	U
Chloroform	7	ug/l	2.5	U	50	U	25	U	0.72	J
cis-1,2-Dichloroethene	5	ug/l	22		2200		360		3.1	
Cyclohexane		ug/l	10	U	200	U	100	U	10	U
Isopropylbenzene	5	ug/l	2.5	U	50	U	25	U	2.5	U
Methyl cyclohexane		ug/l	10	U	200	U	100	U	10	U
Tetrachloroethene	5	ug/l	160		5.8	J	5	U	5.4	
trans-1,2-Dichloroethene	5	ug/l	0.7	J	130		25	U	0.92	J
Trichloroethene	5	ug/l	29		96		5	U	2.7	
Vinyl chloride	2	ug/l	1.7		1000		910		1.2	
Semivolatile Organics by GC/MS										
Biphenyl		ug/l	2	U	2	U	2	U	2	U
Caprolactam		ug/l	10	U	10	U	15		10	U
Carbazole		ug/l	2	U	2	U	2	U	2	U
Dibenzofuran		ug/l	2	U	2	U	2	U	2	U
Semivolatile Organics by GC/MS-SIM										
2-Methylnaphthalene		ug/l	0.1	U	0.1	U	0.1	U	0.04	J
Acenaphthene	20	ug/l	0.1	U	0.1	U	0.03	J	0.1	J
Acenaphthylene		ug/l	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	50	ug/l	0.1	U	0.1	U	0.1	U	0.06	J
Benzo(a)anthracene	0.002	ug/l	0.05	J	0.1	U	0.1	U	0.18	
Benzo(a)pyrene	0	ug/l	0.02	J	0.1	U	0.1	U	0.16	
Benzo(b)fluoranthene	0.002	ug/l	0.04	J	0.1	U	0.1	U	0.19	
Benzo(ghi)perylene		ug/l	0.02	J	0.1	U	0.1	U	0.08	J
Benzo(k)fluoranthene	0.002	ug/l	0.01	J	0.1	U	0.1	U	0.07	J
Chrysene	0.002	ug/l	0.03	J	0.1	U	0.1	U	0.13	
Dibenzo(a,h)anthracene		ug/l	0.1	U	0.1	U	0.1	U	0.02	J
Fluoranthene	50	ug/l	0.07	J	0.1	U	0.1	U	0.31	
Fluorene	50	ug/l	0.1	U	0.1	U	0.02	J	0.05	J
Indeno(1,2,3-cd)pyrene	0.002	ug/l	0.02	J	0.1	U	0.1	U	0.09	J
Naphthalene	10	ug/l	0.1	U	0.1	U	0.1	U	0.64	
Phenanthrene	50	ug/l	0.07	J	0.04	J	0.1	U	0.25	
Pyrene	50	ug/l	0.07	J	0.02	J	0.1	U	0.28	
Total Metals										
Arsenic, Total	25	ug/l	21.44		3.86		8.62		63.36	
Barium, Total	1000	ug/l	510.4		373.2		530.2		2377	
Cadmium, Total	5	ug/l	1.94		87.76		13.98		0.43	
Chromium, Total	50	ug/l	13.34		7.67		13.03		15.04	
Lead, Total	25	ug/l	27.67		12.53		28.83		17.01	
Mercury, Total	0.7	ug/l	0.2	U	0.2	U	0.2	U	0.2	U
Selenium, Total	10	ug/l	7.36		5	U	2.71	J	10	U
1,4 Dioxane by 8270D-SIM [1]										
1,4-Dioxane	1	ug/l	-	-	2.18		-	-	-	-
Perfluorinated Alkyl Acids by Isotope Dilution [2]										
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.1	ug/l	-	-	0.0528	F	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.1	ug/l	-	-	0.00187	U	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	0.1	ug/l	-	-	0.00437		-	-	-	-
Perfluorobutanoic Acid (PFBA)	0.1	ug/l	-	-	0.0172		-	-	-	-
Perfluorodecanoic Acid (PFDA)	0.1	ug/l	-	-	0.00187	U	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	0.1	ug/l	-	-	0.00372		-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	0.1	ug/l	-	-	0.0179		-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	0.1	ug/l	-	-	0.00599		-	-	-	-
Perfluorohexanoic Acid (PFHxA)	0.1	ug/l	-	-	0.0448		-	-	-	-
Perfluorononanoic Acid (PFNA)	0.1	ug/l	-	-	0.00794		-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	0.5	ug/l	-	-	0.13	F	-	-	-	-
Perfluorooctanoic Acid (PFOA)	0.5	ug/l	-	-	0.045	F	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	0.1	ug/l	-	-	0.0516		-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	0.1	ug/l	-	-	0.00187	U	-	-	-	-
PFOA/PFOS, Total	0.5	ug/l	-	-	0.175		-	-	-	-
Polychlorinated Biphenyls by GC										
Aroclor 1254	0.09	ug/l	0.083	U	0.083	U	0.083	U	0.083	U
PCBs, Total		ug/l	0.083	U	0.083	U	0.083	U	0.083	U

Table 2.
Groundwater Sample Results
Detections Only
Limited Subsurface Investigation Syracuse Stamp, Cortland Avenue, South Clinton Street

		LOCATION	TMW-104		CHA-1		TMW-112		TMW-116	
		SAMPLING DATE	12/10/2020		12/10/2020		12/10/2020		12/10/2020	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS										
1,1-Dichloroethene	5	ug/l	0.5	U	0.5	U	1.3	J	0.5	U
Acetone	50	ug/l	5	U	5	U	25	U	5	U
Benzene	1	ug/l	0.5	U	0.5	U	0.88	J	0.5	U
Bromomethane	5	ug/l	0.76	J	1.2	J	6.6	J	2.5	U
Chloroform	7	ug/l	2.5	U	2.5	U	12	U	2.5	U
cis-1,2-Dichloroethene	5	ug/l	2.5	U	2.5	U	540		2.5	U
Cyclohexane		ug/l	10	U	10	U	50	U	10	U
Isopropylbenzene	5	ug/l	2.5	U	2.5	U	9.3	J	2.5	U
Methyl cyclohexane		ug/l	10	U	10	U	50	U	10	U
Tetrachloroethene	5	ug/l	0.5	U	0.26	J	0.92	J	0.5	U
trans-1,2-Dichloroethene	5	ug/l	2.5	U	2.5	U	6.5	J	2.5	U
Trichloroethene	5	ug/l	0.5	U	0.5	U	2.5	U	0.5	U
Vinyl chloride	2	ug/l	1	U	1	U	680		1	U
Semivolatile Organics by GC/MS										
Biphenyl		ug/l	2	U	2	U	2	U	2	U
Caprolactam		ug/l	10	U	10	U	10	U	10	U
Carbazole		ug/l	2	U	2	U	2	U	2	U
Dibenzofuran		ug/l	2	U	2	U	2	U	2	U
Semivolatile Organics by GC/MS-SIM										
2-Methylnaphthalene		ug/l	0.1	U	0.05	J	6.1		0.06	J
Acenaphthene	20	ug/l	0.36		0.48		3.3		0.1	U
Acenaphthylene		ug/l	0.1	U	0.1	U	1		0.1	U
Anthracene	50	ug/l	0.02	J	0.06	J	0.55		0.02	J
Benzo(a)anthracene	0.002	ug/l	0.04	J	0.06	J	0.14		0.05	J
Benzo(a)pyrene	0	ug/l	0.03	J	0.05	J	0.11		0.03	J
Benzo(b)fluoranthene	0.002	ug/l	0.04	J	0.05	J	0.13		0.04	J
Benzo(ghi)perylene		ug/l	0.02	J	0.03	J	0.08	J	0.03	J
Benzo(k)fluoranthene	0.002	ug/l	0.01	J	0.02	J	0.05	J	0.02	J
Chrysene	0.002	ug/l	0.02	J	0.04	J	0.14		0.03	J
Dibenzo(a,h)anthracene		ug/l	0.1	U	0.1	U	0.02	J	0.1	U
Fluoranthene	50	ug/l	0.1		0.2		0.41		0.08	J
Fluorene	50	ug/l	0.04	J	0.14		5.3		0.04	J
Indeno(1,2,3-cd)pyrene	0.002	ug/l	0.02	J	0.03	J	0.08	J	0.02	J
Naphthalene	10	ug/l	0.1	U	0.15		0.44		0.07	J
Phenanthrene	50	ug/l	0.12		0.26		5		0.12	
Pyrene	50	ug/l	0.09	J	0.18		0.83		0.08	J
Total Metals										
Arsenic, Total	25	ug/l	19.9		17.62		37.3		13.1	
Barium, Total	1000	ug/l	485.9		568.6		341.6		771.7	
Cadmium, Total	5	ug/l	3.76		3.3		0.2		1.27	
Chromium, Total	50	ug/l	36.02		33.58		9.34		33.79	
Lead, Total	25	ug/l	2175		2998		49.39		62.55	
Mercury, Total	0.7	ug/l	0.11	J	0.2	U	0.2	U	0.2	U
Selenium, Total	10	ug/l	6.58		7.63		5	U	12.6	
1,4 Dioxane by 8270D-SIM [1]										
1,4-Dioxane	1	ug/l	-	-	-	-	-	-	0.139	U
Perfluorinated Alkyl Acids by Isotope Dilution [2]										
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.1	ug/l	-	-	-	-	-	-	0.292	F
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.1	ug/l	-	-	-	-	-	-	0.00175	U
Perfluorobutanesulfonic Acid (PFBS)	0.1	ug/l	-	-	-	-	-	-	0.00182	
Perfluorobutanoic Acid (PFBA)	0.1	ug/l	-	-	-	-	-	-	0.00436	
Perfluorodecanoic Acid (PFDA)	0.1	ug/l	-	-	-	-	-	-	0.000297	J
Perfluoroheptanesulfonic Acid (PFHpS)	0.1	ug/l	-	-	-	-	-	-	0.00175	U
Perfluoroheptanoic Acid (PFHpA)	0.1	ug/l	-	-	-	-	-	-	0.00562	
Perfluorohexanesulfonic Acid (PFHxS)	0.1	ug/l	-	-	-	-	-	-	0.000629	J
Perfluorohexanoic Acid (PFHxA)	0.1	ug/l	-	-	-	-	-	-	0.0381	
Perfluorononanoic Acid (PFNA)	0.1	ug/l	-	-	-	-	-	-	0.00065	J
Perfluorooctanesulfonic Acid (PFOS)	0.5	ug/l	-	-	-	-	-	-	0.00585	F
Perfluorooctanoic Acid (PFOA)	0.5	ug/l	-	-	-	-	-	-	0.00188	
Perfluoropentanoic Acid (PFPeA)	0.1	ug/l	-	-	-	-	-	-	0.00781	
Perfluoroundecanoic Acid (PFUnA)	0.1	ug/l	-	-	-	-	-	-	0.00175	U
PFOA/PFOS, Total	0.5	ug/l	-	-	-	-	-	-	0.00773	
Polychlorinated Biphenyls by GC										
Aroclor 1254	0.09	ug/l	0.083	U	0.083	U	0.083	U	0.083	U
PCBs, Total		ug/l	0.083	U	0.083	U	0.083	U	0.083	U

Table 2.
Groundwater Sample Results
Detections Only
Limited Subsurface Investigation Syracuse Stamp, Cortland Avenue, South Clinton Street

		LOCATION	TMW-119		TMW-133		TMW-134	
		SAMPLING DATE	12/10/2020		12/10/2020		12/10/2020	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS								
1,1-Dichloroethene	5	ug/l	0.5	U	0.56	J	0.5	U
Acetone	50	ug/l	1.6	J	12	U	5	U
Benzene	1	ug/l	0.21	J	1.2	U	0.5	U
Bromomethane	5	ug/l	2.5	U	6.2	U	1.2	J
Chloroform	7	ug/l	2.5	U	6.2	U	2.5	U
cis-1,2-Dichloroethene	5	ug/l	2.5	U	240		2.5	U
Cyclohexane		ug/l	2.8	J	25	U	9.2	J
Isopropylbenzene	5	ug/l	2.5	U	6.2	U	2.5	U
Methyl cyclohexane		ug/l	1.4	J	25	U	10	
Tetrachloroethene	5	ug/l	0.5	U	2.6		0.5	U
trans-1,2-Dichloroethene	5	ug/l	2.5	U	2.9	J	2.5	U
Trichloroethene	5	ug/l	0.5	U	2.3		0.5	U
Vinyl chloride	2	ug/l	0.14	J	44		0.08	J
Semivolatile Organics by GC/MS								
Biphenyl		ug/l	2	U	2	U	1.1	J
Caprolactam		ug/l	10	U	10	U	10	U
Carbazole		ug/l	2	U	2	U	7.9	
Dibenzofuran		ug/l	2	U	2	U	8.1	
Semivolatile Organics by GC/MS-SIM								
2-Methylnaphthalene		ug/l	0.05	J	0.1	U	4.8	
Acenaphthene	20	ug/l	0.05	J	0.1	U	12	
Acenaphthylene		ug/l	0.03	J	0.1	U	0.12	
Anthracene	50	ug/l	0.1		0.1	U	10	
Benzo(a)anthracene	0.002	ug/l	0.31		0.1	U	10	
Benzo(a)pyrene	0	ug/l	0.31		0.1	U	8.5	
Benzo(b)fluoranthene	0.002	ug/l	0.39		0.1	U	9.6	
Benzo(ghi)perylene		ug/l	0.19		0.1	U	4.4	
Benzo(k)fluoranthene	0.002	ug/l	0.13		0.1	U	2.8	
Chrysene	0.002	ug/l	0.29		0.1	U	7.3	
Dibenzo(a,h)anthracene		ug/l	0.05	J	0.1	U	0.98	
Fluoranthene	50	ug/l	0.58		0.1	U	25	
Fluorene	50	ug/l	0.06	J	0.1	U	10	
Indeno(1,2,3-cd)pyrene	0.002	ug/l	0.21		0.1	U	4.5	
Naphthalene	10	ug/l	0.23		0.1	U	15	
Phenanthrene	50	ug/l	0.38		0.1	U	40	
Pyrene	50	ug/l	0.51		0.1	U	21	
Total Metals								
Arsenic, Total	25	ug/l	6.99		5.54		33.91	
Barium, Total	1000	ug/l	305.3		1545		266.7	
Cadmium, Total	5	ug/l	0.75		1.56		0.31	
Chromium, Total	50	ug/l	23.2		18.07		10.53	
Lead, Total	25	ug/l	81.76		40.65		158.6	
Mercury, Total	0.7	ug/l	0.2	U	0.2	U	0.19	J
Selenium, Total	10	ug/l	1.82	J	4.1	J	5	U
1,4 Dioxane by 8270D-SIM [1]								
1,4-Dioxane	1	ug/l	-	-	0.145	J	0.15	U
Perfluorinated Alkyl Acids by Isotope Dilution [2]								
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.1	ug/l	-	-	0.0845	F	0.00971	B
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.1	ug/l	-	-	0.00141	J	0.00186	U
Perfluorobutanesulfonic Acid (PFBS)	0.1	ug/l	-	-	0.00145	J	0.00206	
Perfluorobutanoic Acid (PFBA)	0.1	ug/l	-	-	0.00458		0.00571	
Perfluorodecanoic Acid (PFDA)	0.1	ug/l	-	-	0.00189	U	0.00186	U
Perfluoroheptanesulfonic Acid (PFHpS)	0.1	ug/l	-	-	0.00189	U	0.00186	U
Perfluoroheptanoic Acid (PFHpA)	0.1	ug/l	-	-	0.00253		0.00146	J
Perfluorohexanesulfonic Acid (PFHxS)	0.1	ug/l	-	-	0.000489	J	0.000787	J
Perfluorohexanoic Acid (PFHxA)	0.1	ug/l	-	-	0.0123		0.00326	
Perfluorononanoic Acid (PFNA)	0.1	ug/l	-	-	0.000784	J	0.000668	J
Perfluorooctanesulfonic Acid (PFOS)	0.5	ug/l	-	-	0.00351	F	0.00433	F
Perfluorooctanoic Acid (PFOA)	0.5	ug/l	-	-	0.00329	F	0.0029	F
Perfluoropentanoic Acid (PFPeA)	0.1	ug/l	-	-	0.0107		0.00317	
Perfluoroundecanoic Acid (PFUnA)	0.1	ug/l	-	-	0.00189	U	0.00186	U
PFOA/PFOS, Total	0.5	ug/l	-	-	0.0068		0.00723	
Polychlorinated Biphenyls by GC								
Aroclor 1254	0.09	ug/l	0.083	U	0.083	U	0.051	J
PCBs, Total		ug/l	0.083	U	0.083	U	0.051	J

Notes:

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

[1] - Guidance value for 1,4-Dioxane obtained from the NYSDOH Section 225 of the Public Health Law, Subpart 5-1, Section 5-1.52 Table 3. Organic Chemicals Maximum Contaminant Level Determination, effective August 26, 2020.

[2] - Guidance values obtained from the NYSDEC October 2020 Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS).

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

U - Not detected at the reported detection limit for the sample.

* Comparison is not performed on parameters with non-numeric criteria.

Attachment A

2019 Subsurface Investigation Report

November 15, 2019

Ms. Gail Cawley
GEC Consulting, LLC
168 Brampton Road
Syracuse, New York 13205

RE: Subsurface Investigation Report
Clinton Street Properties, Syracuse, NY
CHA Project Number: 059294.001

Dear Ms. Cawley:

CHA Consulting Inc. (CHA) performed a Subsurface Investigation October 10th through the 14th, 2019, on thirteen tax parcels (Site) listed below, in Syracuse, New York (Figure 1).

Tax Parcel	Current Owner
094.-04.-03	Syracuse Stamp
094.-04-05.1	
094.-04-05.4	
094.-04-04.0	Alder Creek (T. Coyne)
095.-05-05.2	
095.-04-08.3	
095.-04-08.1	
095.-04-07.0	
095.-05-05.1	
094.-04-08	Coyne
094.-04-06	
094.-04-05.2	Catholic Charities (Men's)
094.-05-05.3	

The subsurface investigation was performed to identify the presence or absence of contamination on each parcel of the Site. Individual parcels, or potentially the entire Site, may be a candidate for acceptance into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) based on current and historical uses. It is our understanding that the future use of the Site would be of a commercial or industrial nature. CHA collected soil, groundwater, and soil vapor samples as described below.

SCOPE OF WORK

Subsurface Soil

To characterize the subsurface soils conditions, CHA retained NYEG Drilling LLC. of Brewerton, New York to advance 27 soil borings to facilitate the collection of soil samples and install 7 temporary wells to facilitate the collection of groundwater samples.

The soil borings were advanced using hydraulic push (Geoprobe®) drilling techniques and were continuously screened with a photoionization detector (PID) for the presence of volatile organic vapors.

A CHA environmental engineer oversaw drilling activities; the soil borings were either advanced to the point at which groundwater was observed, or a maximum depth of 25 feet below ground surface (bgs). The locations of these soil borings are shown on the Sample Location Map included as Figure 2. Soil boring logs summarize the subsurface conditions encountered. Soil type, PID readings, and other field observations are recorded on the soil boring logs, included in Attachment A.

One representative soil sample from each of the soil borings was selected from the horizon exhibiting the highest probability for possible contamination, typically above the groundwater table, unless signs of contamination such as staining or elevated PID readings were observed. Soil samples were submitted to Alpha Analytical located in Westborough, Massachusetts (Laboratory Certification Number 11148) for laboratory analysis of:

- Volatile organic compounds (VOCs) via Environmental Protection Agency (EPA) Method 8260;
- Semi-volatile organic compounds (SVOCs) via EPA Method 8270;
- RCRA 8 Metals via EPA Method 6010; and,
- Polychlorinated biphenyl's (PCBs) via EPA Method 8082A.

All non-disposable, down-hole equipment (e.g. MacroCore® sampler) was decontaminated with a soap and water rinse between sampling locations, to prevent possible cross-contamination.

All soil samples were placed directly into laboratory-supplied containers, which were labeled with the project name, sample identification, date, time, sampler's initials, and applicable laboratory analyses. Samples were submitted to Alpha Analytical under proper chain-of-custody protocols.

Groundwater

NYEG Drilling LLC converted seven (7) of the soil borings into temporary monitoring wells to facilitate the collection of groundwater samples for laboratory analysis. The location of the wells is shown on Figure 2. The locations of wells were chosen based on the presumed direction of groundwater flow. The well locations were chosen to provide data from presumed upgradient and downgradient directions and throughout the entire Site. The monitoring wells were constructed with one-inch diameter PVC riser pipe and well screen. The well screen had a slot opening size of 0.010-inches and the screen was inserted directly into the open boring. CHA collected one groundwater sample from each of the wells using disposable polyethylene bailers. The installation of temporary wells and the use of bailers to collect the groundwater samples resulted in very turbid samples. As discussed later, this condition often impacts the results of metals analyses.

The water samples were placed directly into laboratory supplied containers and submitted to the laboratory for the same analyses as the soil samples, under proper chain-of-custody protocols.

After the collection of the soil and groundwater samples, the PVC piping was removed, and each borehole was backfilled with excess soil generated from the boring operations in all outside borings, and concrete inside the Syracuse Stamp facility.

Sub-Slab Soil Vapor

In addition to the soil and groundwater samples, CHA installed six sub-slab soil vapor (SSV) points to facilitate the collection of soil vapor samples under building slabs in the locations shown on Figure 2. The SSV points were installed as follows:

- CHA used a hammer drill with a ½-inch masonry bit to drill a hole through the existing concrete slab.
- A piece of high-density polyethylene (HDPE) tubing was then placed in the hole and the annulus between the tubing and the concrete slab was plugged with Permagum® and hydrated bentonite clay.

Prior to sampling, CHA performed a helium tracer gas study at each of the test locations as follows:

- An approximately one-foot diameter ring of hydrated bentonite clay was placed around the HDPE tubing and a piece of polyethylene sheeting was placed over and kneaded into the bentonite to create an enclosure.
- A small hole was cut into the polyethylene sheeting at the location of the tubing and sealed with bentonite.
- A tube connecting to the helium cannister was placed beneath the polyethylene sheeting and the opening it created was sealed with additional bentonite.
- Helium was pumped into the enclosure and expansion of the loose polyethylene sheeting was observed, proving helium had filled and remained inside the enclosure.
- A personal air sampling pump was used to pump air from the HDPE tube into a tedlar bag.
- An MGD-2002 Helium Detector was used to measure the concentration of helium from the tedlar bag filled with vapor from the SSV point.
- Per the New York State Department of Health (NYSDOH) guidance, measurement of helium from the tubing and tedlar bag must be below 10% of that in the polyethylene enclosure for the SSV point to be acceptable for sampling.

The six SSV points were found to have helium concentrations below the 10% threshold. Concentration of helium detected at each point is noted on the Air Sampling Logs included in Attachment B.

Laboratory supplied SUMMA cannisters with a laboratory-measured vacuum pressure of approximately -30 inches of mercury (in. Hg) were used to collect SSV samples at each of the SSV points over and eight-hour day. An additional SUMMA cannister was placed adjacent to each SSV point to facilitate the collection of an indoor air (IA) sample over the same timeframe. Actual vacuum at the beginning and end of the test and total duration of test are recorded on the Air Sampling Logs. The samples were submitted to Alpha Analytical for analysis of VOCs via EPA method TO-15.

FIELD OBSERVATIONS

Soils at the Site primarily consisted of fill material to a depth of approximately 3 to 9 feet bgs, depending on the location. The fill material generally consisted of sands and gravels with intermittent layers of silty clay. Fill material was brown in color, mostly compact, and intermittently contained metal shavings, brick fragments, and traces of wood. Beneath the fill material was typically a clay layer that was approximately 5-7 feet thick followed by a sand and gravel layer that was encountered to a depth of 15-17 feet bgs.

During the course of the soil boring activities, CHA noted a petroleum-like odor in soil borings SB-10, SB-11, SB-13, SB-15, SB-16, and SB-22. Elevated organic vapors were identified using the PID at these locations. The strongest odor, visible sheen on the soil, and highest PID readings were observed at soil boring SB-11 near the loading dock at Syracuse Stamp, and SB-16 on the south side of the Syracuse Stamp facility. Soil borings SB-10, SB-13, and SB-15 were also on the Syracuse Stamp property while SB-22 was on the Coyne property in a vacant gravel parking lot on the corner of South Clinton Street and Tallman Street. Personnel from Syracuse Stamp indicated that there had been an underground storage tank buried within the vicinity of soil borings SB-11 and SB-13 that was removed circa 1940.

On November 8, 2019 the observed contamination associated with soil boring SB-11 was reported to the NYSDEC Spills Hotline and recorded as Spill No. 1908028. Although the property is currently owned and occupied by Syracuse Stamp, JMA intends to take responsibility for the cleanup of the spill when the Site is redeveloped. The NYSDEC has issued a No Further Action letter until such time as the site begins redevelopment and the location of the spill is accessible.

Saturated soil was identified in the borings between 13 and 15 feet bgs across the Site. Depth to groundwater in the temporary wells was typically recorded between 11.5 to 16-feet bgs. A survey of the wells was not prepared during this subsurface investigation because only temporary groundwater wells were installed. However, based on proximity to Onondaga Creek, the direction of groundwater flow can be approximated to be toward the west.

ANAYLTICAL RESULTS

Results for soil, groundwater and soil vapor are presented in Tables 1, 2 and 3, respectively. Only the detected compounds are displayed on Tables 1 and 2 for soil and groundwater results. Note that Commercial SCO is listed on Table 1 for informational purposes only as this Site is not currently in a NYSDEC-regulated program. However, any compound or parameter exceeding an unrestricted cleanup objective is shaded blue and any compound or parameter exceeding a commercial cleanup objective is shaded blue and the concentration is shown in bold print. Full laboratory reports for all media are included in Attachment C.

Soil

Soil results are presented in Table 1 and were compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 – Soil Cleanup Objectives (SCO) for Unrestricted Use sites. As shown in Table 1, there were multiple VOCs, SVOCs and metals detected in the majority of the soil samples collected. The detections were compared to Unrestricted Use SCOs as well as

Commercial Use SCOs. Figure 3 visually represents the location of each soil boring and the compounds that exceed their respective Unrestricted Use SCO. In summary:

- Acetone was detected in most of the soil sample at varying but low concentrations. Acetone is likely a laboratory contaminant and is not considered a site contaminant of concern.
- Additional detections of VOCs exceeding Unrestricted Use SCOs include benzene and 2-butanone in soil samples SOIL-SB07 and SOIL-SB15, respectively.
- Detections of SVOCs exceeding Unrestricted Use SCOs were identified in SOIL-SB03 and SOIL-SB07. Compounds detected in both soil samples include benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, carbazole, and indeno(1,2,3-cd)pyrene. These compounds are polycyclic aromatic hydrocarbons (PAHs) associated with petroleum products such as coal, oil, or gasoline.
- Additional SVOCs detected at concentrations exceeding the Unrestricted Use SCO in SOIL-SB03 include 3-methylphenol/4-methylphenol and phenol.
- Detections of metals exceeding the Unrestricted Use SCO were identified in SOIL-SB02, SOIL-SB03, SOIL-SB04, SOIL-SB13, and SOIL-SB26.
    - Lead, mercury, arsenic, and selenium were detected at concentrations exceeding their respective Unrestricted Use SCOs in SOIL-SB03 and SOIL-SB13.
    - Lead and mercury were detected above their respective Unrestricted Use SCOs in SOIL-SB02.
    - Mercury was detected above its Unrestricted Use SCO in SOIL-SB04 and SOIL-SB26.
- Compounds were not detected above the Unrestricted Use SCO in soil samples collected from soil borings SB-05, SB-06, SB-08 through SB-12, SB-16, SB-17, SB-19, or SB-22 through SB-27.

The compounds detected above the Unrestricted Use SCO are primarily associated with soils beneath the Syracuse Stamp property. Contaminants of concerns are primarily SVOCs, particularly PAHs. Although elevated PID readings, noticeable odors, and stained soils were observed associated with SB-10, SB-11, SB-13, SB-15, SB-16, and SB-22 analytical results do not exceed the Unrestricted Use SCOs. This may have occurred because petroleum-based compounds can be degraded naturally by native microorganisms in the soil. However, the higher molecular weight of PAHs inhibits their natural biodegradation compared to other petroleum-based compounds, which may explain their presence in the subsurface soil at this time. It is likely historical contamination has naturally degraded to levels not exceeding their respective Unrestricted Use SCOs, which may explain the field observations of contamination not corresponding with analytical results.

Metals were also detected in several soil borings beneath the Syracuse Stamp property, particularly arsenic detections at concentrations exceeding the Unrestricted and Commercial Use SCOs in samples SOIL-SB03 and SOIL-SB13. Elevated levels of lead, mercury, and selenium were also observed in multiple soil samples. Metals are naturally occurring in the environment, and it is not uncommon to see exceedances of metals in an urban environment. However, the

elevated nature of certain metals may reflect historic Site use (Syracuse Stamp is a manufacturer of metal garage door products).

Groundwater

Groundwater results are presented in Table 2 and were compared to the Technical Operations and Guidance Standard 1.1.1. (TOGS 1.1.1.) Ambient Water Quality Standards for Class GA waters. As shown in Table 2, there were multiple VOCs, SVOCs, and metals detected in the groundwater samples collected. Figure 4 visually represents the location of each groundwater sample and the compounds that exceed their respective TOGS 1.1.1. standard. In summary:

- Vinyl chloride and cis-1,2-dichloroethene were detected at concentrations exceeding TOGS 1.1.1. in groundwater sample GW-SB13 and GW-SB14. 1,1-dichloroethene was detected at concentrations exceeding TOGS 1.1.1. in GW-SB13. Additionally, cis-1,2-dichloroethene was detected at concentrations exceeding TOGS 1.1.1. in GW-SB06.
- The SVOCs benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd) pyrene were detected at concentrations exceeding TOGS 1.1.1. in all groundwater samples except GW-SB20.
- Additional SVOCs including fluoranthene, phenanthrene, and pyrene were detected at concentrations exceeding TOGS 1.1.1. in GW-SB23.
- The metals arsenic, barium, cadmium, chromium, lead, mercury, and selenium were detected at concentrations exceeding TOGS 1.1.1. in at least three of seven groundwater samples.

Notably, chlorinated VOCs such as vinyl chloride and cis-1,2-dichloroethene were detected directly downgradient of the Former Coyne Textile Facility located at 140 Cortland Ave (east of Site), a site within the BCP with known chlorinated VOC contamination. Groundwater impacts of chlorinated VOCs are likely from this off-Site source.

Similar to the soil sample analytical results, the compounds most often detected in the groundwater samples were PAHs and metals. Detection of PAHs is indicative of historical contamination of petroleum-based compounds. Metals adsorb to soil particles. The groundwater samples were turbid at the time of collection which likely increased the detected concentrations of metals in the groundwater.

Sub-slab Soil Vapor/Indoor Air

SSV and IA results are compared using the NYSDOH Soil Vapor/Indoor Air Decision Matrices, updated in May 2017. Detected compounds are displayed in Table 3. Results of the SSV and IA comparison using the NYSDOH Decision Matrices is in Table 4. As show on Table 3, several compounds were detected in the SSV and IA samples. Multiple compounds that are not regulated by the NYSDOH were detected, most notably the petroleum hydrocarbons ethylbenzene and xylene. Guidance for petroleum hydrocarbons detected in SSV and IA samples is not available from the NYSDOH. Rather, NYSDOH regulatory guidance is available for chlorinated VOCs. Table 4 is a summary of the regulated compounds and the result of the applicable NYSDOH

Decision Matrix for that compound. At all seven locations, the SSV and IA concentrations indicate there is no need for further action based on the NYSDOH Decision Matrices.

The compounds ethylbenzene and xylene were also compared to the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PEL) for an average 8-hour day. The OSHA PEL for both compounds is 435,000 micrograms per cubic meter (µg/m³). The detections observed are all below 200 µg/m³.

CONCLUSIONS

Given the field evidence observed and the results of the laboratory analysis conducted, it is apparent that soil and groundwater contamination is present at the site. Based upon the above information, CHA has concluded the following:

- Historical contamination has naturally biodegraded to concentrations generally not exceeding the Unrestricted Use SCO in most soil samples. The results are typically consistent with an urban setting and historical site uses and therefore would likely not warrant further investigation based on future Site use as a commercial property.
- The chlorinated VOCs observed in the groundwater are compounds typically associated with dry cleaning operations. The former Coyne Textile facility across South Clinton Street (presumed upgradient direction) is currently listed in the BCP program with known off-site groundwater impacts. The chlorinated compounds that are observed within GW-SB06, GW-SB13, and GW-SB14 are likely the result of off-Site impacts from Coyne.
- Although several petroleum compounds were detected within the SSV and IA samples collected, there is no NYSDOH guidance criteria. The results were then compared to the OSHA PELs for worker exposure. The detections were below all listed PELs. It is likely that aerobic biodegradation in the vadose zone of the soil has contributed to the breakdown of the petroleum products, and therefore no additional mitigation is likely not warranted.
- A sheen and strong petroleum odors were noted on the soil and groundwater samples collected at SB-11 and SB-13 at depths 10-15 feet bgs.
    - Per the Navigation Law Article 12; 17 NYCRR 32.3 and 32.4, petroleum spills must be reported to the NYSDEC hotline at 1-800-457-7362 (within New York State) or 1-518-457-7362 (outside New York State), unless the spill meets <u>all</u> of the following criteria:
        - The quantity is known to be less than 5 gallons; and
        - The spill is contained and under the control of the spiller; and
        - The spill has not and will not reach the State's water or any land; and
        - The spill is cleaned up within 2 hours of discovery.
    - While it is likely that this spill is associated with historic operations at the facility, and may or may not be from a source, it does not meet all of the criteria listed above.

RECOMMENDATIONS

Based on the results of the investigation, CHA does not recommend applying for acceptance into the NYSDEC Brownfield Cleanup Program for the parcels investigated. However, due to the presence of observed contamination associated with soil boring SB-11, CHA recommends

following the Spills Response Program maintained by the NYSDEC to properly close Spill No. 1908028.

If you should have any questions or require additional information, please feel free to contact me at (315) 257-7154.

Sincerely,

Samantha J. Miller, EIT, CPESC-IT
Assistant Project Engineer III

Christopher A. Burns, Ph.D., P.G.
Vice President, Chief Scientist

KE/
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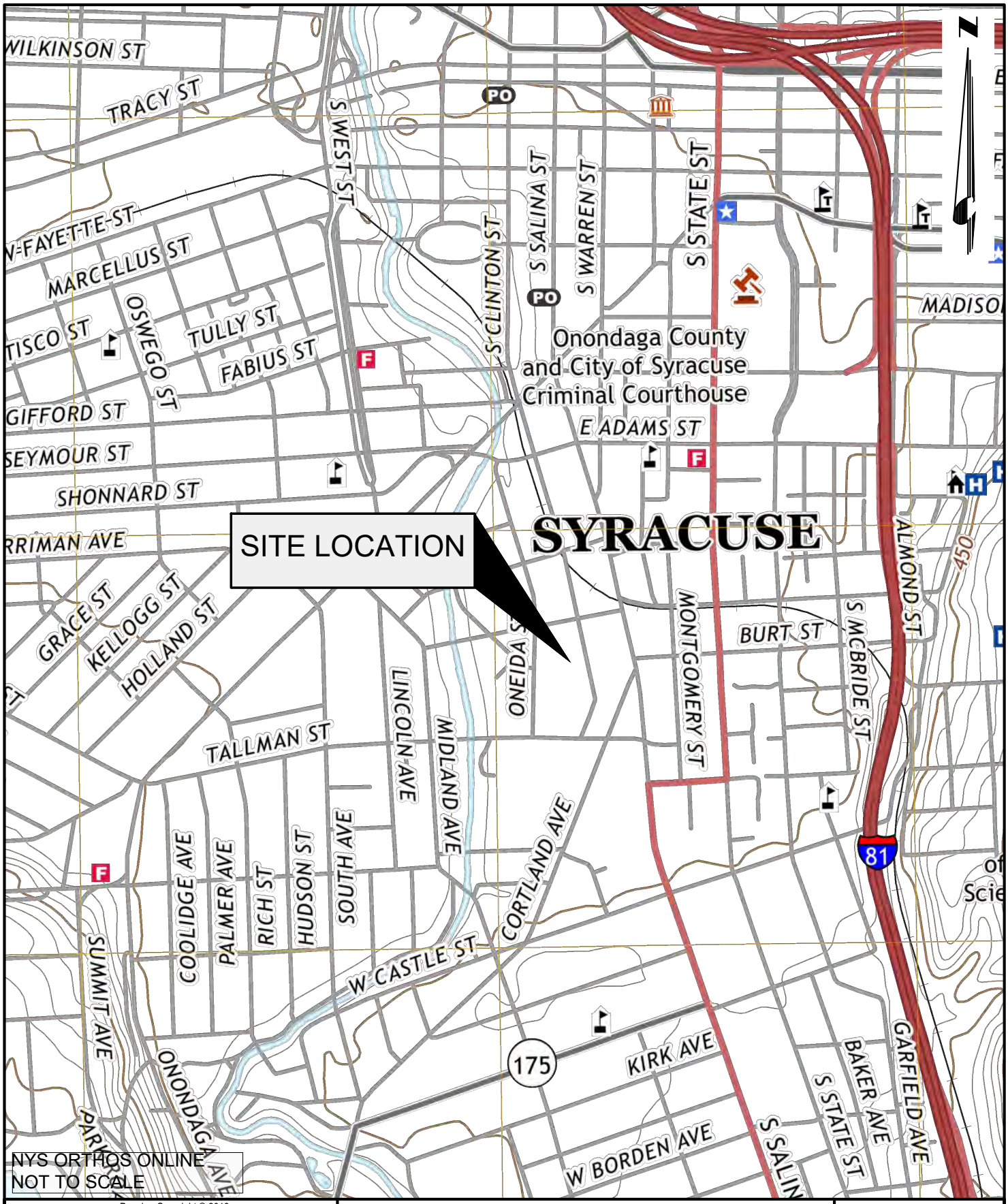
FIGURES

Figure 1 - Site Location Map
Figure 2 – Sample Location Map
Figure 3 – Soil Sample Results
Figure 4 – Groundwater Sample Results



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SITE LOCATION MAP

SOUTH CLINTON STREET PROPERTIES
SYRACUSE, NEW YORK

PROJECT NO. 059294.001

DATE: 10/2019

FIGURE 1

File: V:\PROJECTS\ANY\K5\059294.001\CADD_ACAD\SAMPLE LOCATION MAP.DWG
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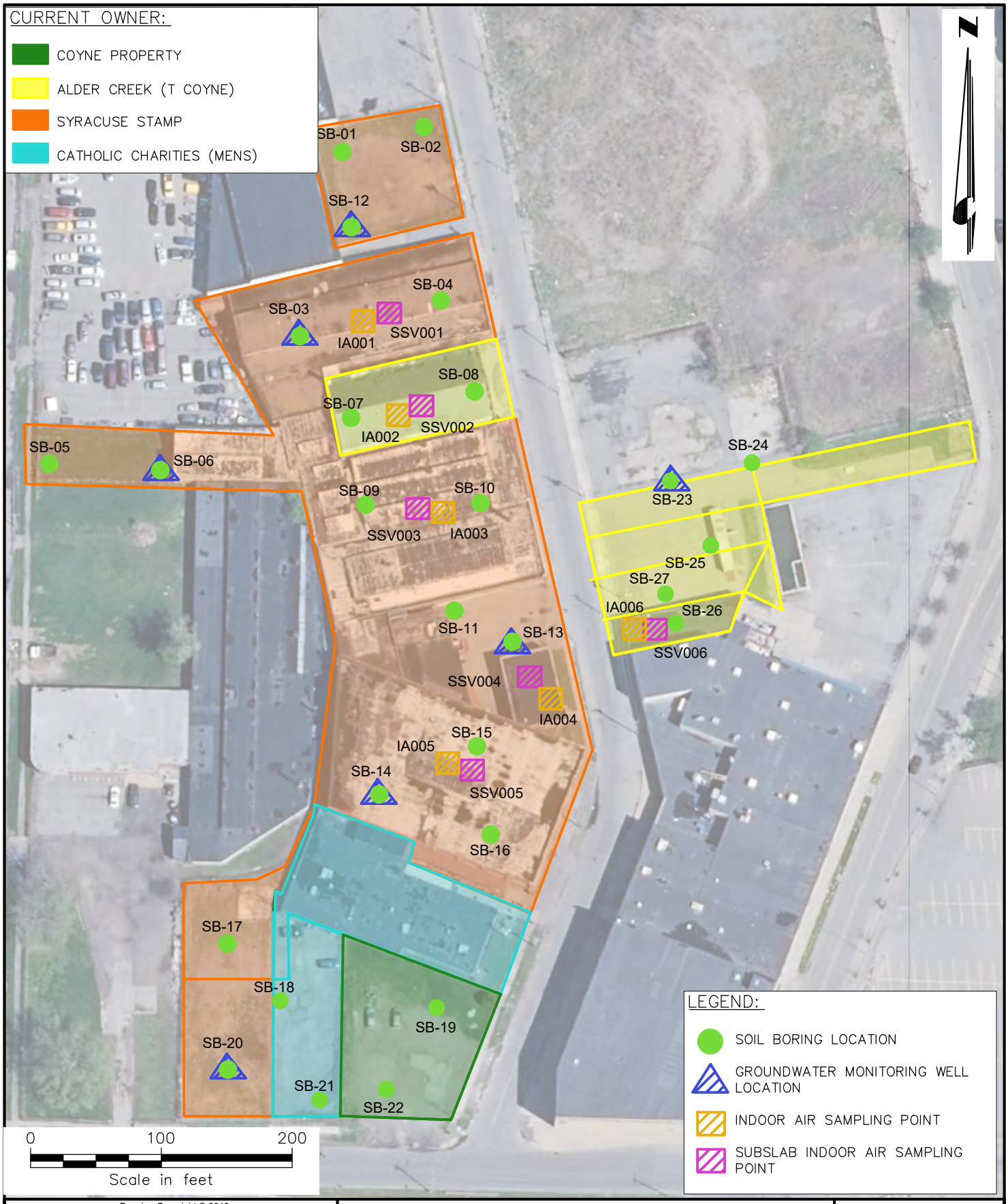

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SAMPLE LOCATION MAP

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FIGURE 2

File: V:\PROJECTS\ANY\K5\059294.001\CADD_ACAD\SAMPLE LOCATION MAP.DWG
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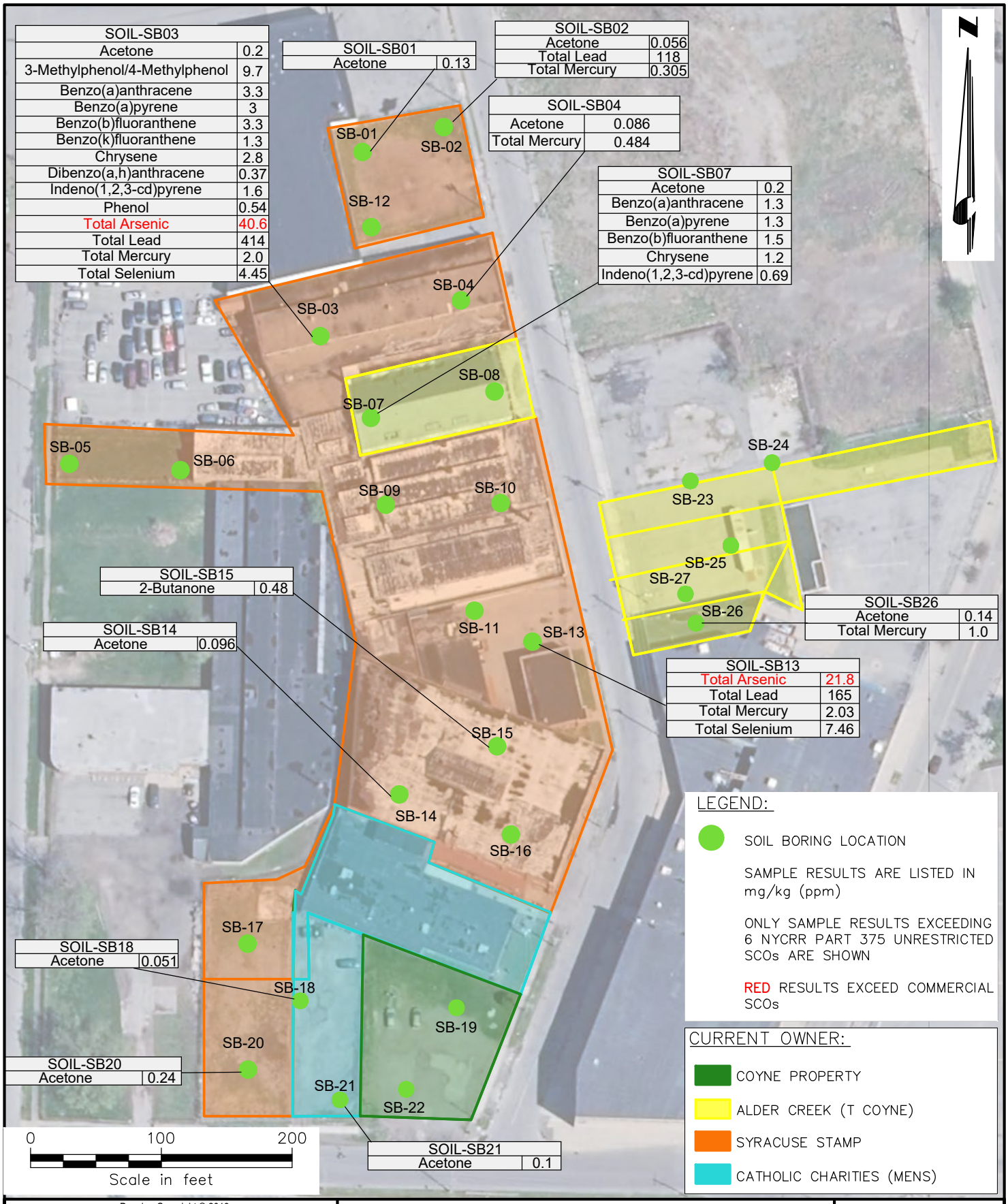

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SOIL SAMPLE RESULTS

SOUTH CLINTON STREET PROPERTIES
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PROJECT NO. 059294.001

DATE: 10/2019

FIGURE 3

File: V:\PROJECTS\ANY\K5\059294.001\CADD_ACAD\SAMPLE LOCATION MAP.DWG
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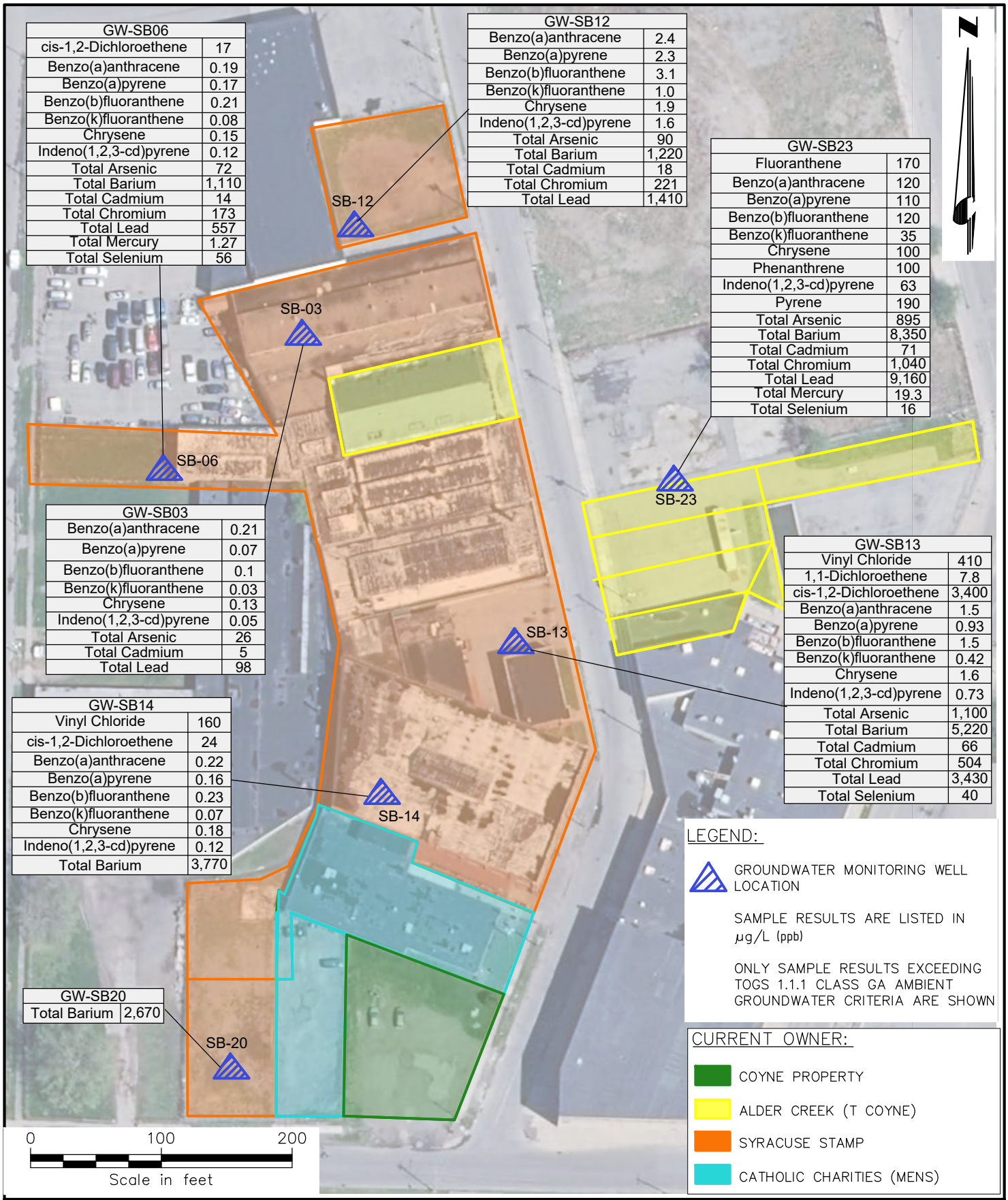

GW-SB06	
cis-1,2-Dichloroethene	17
Benzo(a)anthracene	0.19
Benzo(a)pyrene	0.17
Benzo(b)fluoranthene	0.21
Benzo(k)fluoranthene	0.08
Chrysene	0.15
Indeno(1,2,3-cd)pyrene	0.12
Total Arsenic	72
Total Barium	1,110
Total Cadmium	14
Total Chromium	173
Total Lead	557
Total Mercury	1.27
Total Selenium	56

GW-SB12	
Benzo(a)anthracene	2.4
Benzo(a)pyrene	2.3
Benzo(b)fluoranthene	3.1
Benzo(k)fluoranthene	1.0
Chrysene	1.9
Indeno(1,2,3-cd)pyrene	1.6
Total Arsenic	90
Total Barium	1,220
Total Cadmium	18
Total Chromium	221
Total Lead	1,410

GW-SB23	
Fluoranthene	170
Benzo(a)anthracene	120
Benzo(a)pyrene	110
Benzo(b)fluoranthene	120
Benzo(k)fluoranthene	35
Chrysene	100
Phenanthrene	100
Indeno(1,2,3-cd)pyrene	63
Pyrene	190
Total Arsenic	895
Total Barium	8,350
Total Cadmium	71
Total Chromium	1,040
Total Lead	9,160
Total Mercury	19.3
Total Selenium	16

GW-SB03	
Benzo(a)anthracene	0.21
Benzo(a)pyrene	0.07
Benzo(b)fluoranthene	0.1
Benzo(k)fluoranthene	0.03
Chrysene	0.13
Indeno(1,2,3-cd)pyrene	0.05
Total Arsenic	26
Total Cadmium	5
Total Lead	98

GW-SB13	
Vinyl Chloride	410
1,1-Dichloroethene	7.8
cis-1,2-Dichloroethene	3,400
Benzo(a)anthracene	1.5
Benzo(a)pyrene	0.93
Benzo(b)fluoranthene	1.5
Benzo(k)fluoranthene	0.42
Chrysene	1.6
Indeno(1,2,3-cd)pyrene	0.73
Total Arsenic	1,100
Total Barium	5,220
Total Cadmium	66
Total Chromium	504
Total Lead	3,430
Total Selenium	40

GW-SB14	
Vinyl Chloride	160
cis-1,2-Dichloroethene	24
Benzo(a)anthracene	0.22
Benzo(a)pyrene	0.16
Benzo(b)fluoranthene	0.23
Benzo(k)fluoranthene	0.07
Chrysene	0.18
Indeno(1,2,3-cd)pyrene	0.12
Total Barium	3,770

GW-SB20	
Total Barium	2,670

LEGEND:

GROUNDWATER MONITORING WELL LOCATION

SAMPLE RESULTS ARE LISTED IN µg/L (ppb)

ONLY SAMPLE RESULTS EXCEEDING TOGS 1.1.1 CLASS GA AMBIENT GROUNDWATER CRITERIA ARE SHOWN

CURRENT OWNER:

- COYNE PROPERTY
- ALDER CREEK (T COYNE)
- SYRACUSE STAMP
- CATHOLIC CHARITIES (MENS)

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GROUNDWATER SAMPLE RESULTS

SOUTH CLINTON STREET PROPERTIES
SYRACUSE, NEW YORK

PROJECT NO. 059294.001

DATE: 10/2019

FIGURE 4

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TABLES

Table 1 – Soil Analytical Results
Table 2 – Groundwater Analytical Results
Table 3 – Sub-Slab Vapor and Indoor Air Analytical Results
Table 4 – NYSDOH Decision Matrix Outcomes

Table 1
Soil Analytical Results
JMA Wireless
Subsurface Investigation Report
October 2019

LOCATION				SOIL-SB01	SOIL-SB02	SOIL-SB03	SOIL-SB04	SOIL-SB05	SOIL-SB06
SAMPLING DATE				10/14/2019	10/14/2019	10/10/2019	10/10/2019	10/10/2019	10/11/2019
SAMPLE DEPTH (ft.)				13 - 15	15 - 17	9 - 10	16 - 17	13 - 15	15 - 16
	NY-RESC	NY-UNRES	Units	Results	Results	Results	Results	Results	Results
General Chemistry									
Solids, Total			%	75.6	64.4	69.4	71.7	88.6	57.1
Volatile Organic Compounds									
1,4-Dichlorobenzene	130	1.8	mg/kg						
2-Butanone	500	0.12	mg/kg	0.02	0.0047 J	0.045	0.016		
Acetone	500	0.05	mg/kg	0.13	0.056	0.2	0.086	0.0064 J	0.021
Benzene	44	0.06	mg/kg			0.00021 J			0.00023 J
Bromomethane			mg/kg						
Carbon disulfide			mg/kg						0.006 J
Chlorobenzene	500	1.1	mg/kg			0.00075			
Chloroform	350	0.37	mg/kg	0.0002 J	0.00039 J	0.00021 J	0.00022 J	0.00017 J	0.0002 J
cis-1,2-Dichloroethene	500	0.25	mg/kg						0.063
Cyclohexane			mg/kg						
Ethylbenzene	390	1	mg/kg						
Isopropylbenzene			mg/kg						
Methyl Acetate			mg/kg						
Methyl cyclohexane			mg/kg						
o-Xylene			mg/kg						
p/m-Xylene			mg/kg						
Tetrachloroethene	150	1.3	mg/kg				0.0021		
Toluene	500	0.7	mg/kg						
trans-1,2-Dichloroethene	500	0.19	mg/kg			0.00019 J			0.0012 J
Trichloroethene	200	0.47	mg/kg	0.0028	0.0019				
Vinyl chloride	13	0.02	mg/kg						0.0016
Semivolatile Organic Compounds									
2,4-Dimethylphenol			mg/kg			0.21 J			
2-Methylnaphthalene			mg/kg			0.8			
2-Methylphenol	500	0.33	mg/kg			0.12 J			
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg		0.07 J	9.7			
Acenaphthene	500	20	mg/kg		0.029 J	0.92			
Acenaphthylene	500	100	mg/kg			0.3			
Acetophenone			mg/kg			0.14 J			
Anthracene	500	100	mg/kg			1.8			
Benzaldehyde			mg/kg			0.14 J			
Benzo(a)anthracene	5.6	1	mg/kg		0.12 J	3.3			
Benzo(a)pyrene	1	1	mg/kg		0.1 J	**3**			
Benzo(b)fluoranthene	5.6	1	mg/kg		0.13 J	3.3			
Benzo(ghi)perylene	500	100	mg/kg		0.063 J	1.5			
Benzo(k)fluoranthene	56	0.8	mg/kg		0.051 J	1.3			
Biphenyl			mg/kg			0.21 J			
Butyl benzyl phthalate			mg/kg			0.23 U			
Carbazole			mg/kg			0.78			
Chrysene	56	1	mg/kg		0.1 J	2.8			
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg			0.37			
Dibenzofuran	350	7	mg/kg			0.87			
Fluoranthene	500	100	mg/kg		0.31	6.7			
Fluorene	500	30	mg/kg		0.027 J	1.2			
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg		0.071 J	1.6			
Isophorone			mg/kg			0.21 U			
Naphthalene	500	12	mg/kg		0.13 J	3.3			
Phenanthrene	500	100	mg/kg		0.14 J	6			
Phenol	500	0.33	mg/kg			0.54			
Pyrene	500	100	mg/kg		0.25	6.3			
Polychlorinated Biphenyls									
Aroclor 1254	1	0.1	mg/kg						
PCBs, Total	1	0.1	mg/kg						
Total Metals									
Arsenic, Total	16	13	mg/kg	4.19	5.38	**40.6**	7.55	2.24	8.97
Barium, Total	400	350	mg/kg	100	55.7	104	90.1	26.7	44.9
Cadmium, Total	9.3	2.5	mg/kg	0.641	0.989	0.899	0.564	0.187 J	0.486 J
Chromium, Total			mg/kg	13.2	13.1	17.8	15.3	5.42	5.13
Lead, Total	1000	63	mg/kg	8.68	118	414	58.4	3.77	2.9 J
Mercury, Total	2.8	0.18	mg/kg	0.08 J	0.305	2	0.484		
Selenium, Total	1500	3.9	mg/kg	0.772 J	0.218 J	4.45	0.9 J	0.391 J	1.05 J
Silver, Total	1500	2	mg/kg			0.586			

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-UNRES: New York NYCRR Part 375 New York Unrestricted use Criteria Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.CRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

Table 1
Soil Analytical Results
JMA Wireless
Subsurface Investigation Report
October 2019

LOCATION				SOIL-SB07	SOIL-SB08	SOIL-SB09	SOIL-SB10	SOIL-SB11	SOIL-SB12
SAMPLING DATE				10/10/2019	10/10/2019	10/10/2019	10/10/2019	10/14/2019	10/11/2019
SAMPLE DEPTH (ft.)				9 - 10	10 - 11	13 - 14	13 - 14	16 - 18	19 - 20
	NY-RESC	NY-UNRES	Units	Results	Results	Results	Results	Results	Results
General Chemistry									
Solids, Total			%	83.3	84.8	79.1	86.7	86	85.2
Volatile Organic Compounds									
1,4-Dichlorobenzene	130	1.8	mg/kg						
2-Butanone	500	0.12	mg/kg		0.0041 J	0.0086 J			0.0031 J
Acetone	500	0.05	mg/kg		0.044	0.047			0.025
Benzene	44	0.06	mg/kg	0.2					
Bromomethane			mg/kg	0.034 J					
Carbon disulfide			mg/kg						
Chlorobenzene	500	1.1	mg/kg						
Chloroform	350	0.37	mg/kg		0.00023 J			0.011 J	0.00017 J
cis-1,2-Dichloroethene	500	0.25	mg/kg						
Cyclohexane			mg/kg				0.061 J	0.19 J	
Ethylbenzene	390	1	mg/kg	0.027 J		0.0004 J		0.0097 J	
Isopropylbenzene			mg/kg	0.025 J			0.19	0.092	
Methyl Acetate			mg/kg	0.083 J		0.0031 J	0.086 J		
Methyl cyclohexane			mg/kg			0.00099 J	0.36	0.52	
o-Xylene			mg/kg	0.12		0.00044 J			
p/m-Xylene			mg/kg	0.17		0.0014 J			
Tetrachloroethene	150	1.3	mg/kg						
Toluene	500	0.7	mg/kg	0.068					
trans-1,2-Dichloroethene	500	0.19	mg/kg		0.00014 J				0.00019 J
Trichloroethene	200	0.47	mg/kg						
Vinyl chloride	13	0.02	mg/kg						
Semivolatile Organic Compounds									
2,4-Dimethylphenol			mg/kg	0.079 J					
2-Methylnaphthalene			mg/kg	0.54	0.024 J		1.4	0.28	
2-Methylphenol	500	0.33	mg/kg	0.033 J					
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg	0.14 J	0.26 J				
Acenaphthene	500	20	mg/kg	0.52	0.027 J		0.077 J		
Acenaphthylene	500	100	mg/kg	0.33					
Acetophenone			mg/kg						
Anthracene	500	100	mg/kg	1			0.04 J		
Benzaldehyde			mg/kg						
Benzo(a)anthracene	5.6	1	mg/kg	1.3	0.062 J				
Benzo(a)pyrene	1	1	mg/kg	**1.3**	0.066 J				
Benzo(b)fluoranthene	5.6	1	mg/kg	1.5	0.17				
Benzo(ghi)perylene	500	100	mg/kg	0.66	0.085 J				
Benzo(k)fluoranthene	56	0.8	mg/kg	0.5	0.05 J				
Biphenyl			mg/kg	0.15 J					
Butyl benzyl phthalate			mg/kg						
Carbazole			mg/kg	0.57	0.02 J				
Chrysene	56	1	mg/kg	1.2	0.11				
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.14					
Dibenzofuran	350	7	mg/kg	0.66	0.019 J		0.085 J		
Fluoranthene	500	100	mg/kg	3.4	0.13				
Fluorene	500	30	mg/kg	0.86	0.028 J		0.23	0.046 J	
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	0.69	0.076 J				
Isophorone			mg/kg						
Naphthalene	500	12	mg/kg	2.5	0.21		0.04 J		
Phenanthrene	500	100	mg/kg	4.5	0.082 J		0.38	0.082 J	
Phenol	500	0.33	mg/kg						
Pyrene	500	100	mg/kg	3	0.13		0.062 J		
Polychlorinated Biphenyls									
Aroclor 1254	1	0.1	mg/kg		0.0166 J				
PCBs, Total	1	0.1	mg/kg		0.0166 J				
Total Metals									
Arsenic, Total	16	13	mg/kg	4.89	4.22	5.15	10.1	3.2	3.82
Barium, Total	400	350	mg/kg	47.7	44.8	38.3	30.8	33.9	23
Cadmium, Total	9.3	2.5	mg/kg	0.496	0.34 J	0.354 J	0.502	0.304 J	0.361 J
Chromium, Total			mg/kg	17	12.3	11.3	14.6	4.2	9.44
Lead, Total	1000	63	mg/kg	30.6	26.4	13.6	8.31	2.13 J	5.9
Mercury, Total	2.8	0.18	mg/kg		0.113	0.12			
Selenium, Total	1500	3.9	mg/kg	0.348 J	0.417 J	0.848 J	0.242 J		2.02
Silver, Total	1500	2	mg/kg						

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LOCATION				SOIL-SB13	SOIL-SB14	SOIL-SB15	SOIL-SB16	SOIL-SB17	SOIL-SB18
SAMPLING DATE				10/14/2019	10/10/2019	10/10/2019	10/10/2019	10/11/2019	10/11/2019
SAMPLE DEPTH (ft.)				10 - 11	14 - 15	7 - 8	13 - 14	14 - 15	14 - 15
	NY-RESC	NY-UNRES	Units	Results	Results	Results	Results	Results	Results
General Chemistry									
Solids, Total			%	79.2	46.5	86.1	81.6	87	72.8
Volatile Organic Compounds									
1,4-Dichlorobenzene	130	1.8	mg/kg					0.00017 J	
2-Butanone	500	0.12	mg/kg		0.012 J	0.48 J		0.002 J	0.0072 J
Acetone	500	0.05	mg/kg		0.096			0.015	0.051
Benzene	44	0.06	mg/kg		0.011	0.02 J	0.026 J		
Bromomethane			mg/kg						
Carbon disulfide			mg/kg		0.12			0.0094	0.014
Chlorobenzene	500	1.1	mg/kg					0.019	
Chloroform	350	0.37	mg/kg	0.021 J	0.00059 J			0.00017 J	
cis-1,2-Dichloroethene	500	0.25	mg/kg						
Cyclohexane			mg/kg		0.033	0.15 J	6.4		
Ethylbenzene	390	1	mg/kg	0.03 J		0.03 J	0.055 J		
Isopropylbenzene			mg/kg	0.029 J			2		
Methyl Acetate			mg/kg	0.24 J	0.0043 J	0.18 J		0.0014 J	0.0027 J
Methyl cyclohexane			mg/kg				23		
o-Xylene			mg/kg						
p/m-Xylene			mg/kg						
Tetrachloroethene	150	1.3	mg/kg						
Toluene	500	0.7	mg/kg						
trans-1,2-Dichloroethene	500	0.19	mg/kg		0.0027 J			0.0004 J	0.00026 J
Trichloroethene	200	0.47	mg/kg						
Vinyl chloride	13	0.02	mg/kg						
Semivolatile Organic Compounds									
2,4-Dimethylphenol			mg/kg						
2-Methylnaphthalene			mg/kg	0.51		0.034 J	1.6		
2-Methylphenol	500	0.33	mg/kg						
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg	0.2 J					
Acenaphthene	500	20	mg/kg	0.24		0.093 J	0.046 J		
Acenaphthylene	500	100	mg/kg						
Acetophenone			mg/kg						
Anthracene	500	100	mg/kg	0.4		0.23			
Benzaldehyde			mg/kg						
Benzo(a)anthracene	5.6	1	mg/kg	0.83		0.76			
Benzo(a)pyrene	1	1	mg/kg	0.78		0.83			
Benzo(b)fluoranthene	5.6	1	mg/kg	0.92		0.99			
Benzo(ghi)perylene	500	100	mg/kg	0.42		0.44			
Benzo(k)fluoranthene	56	0.8	mg/kg	0.34		0.29			
Biphenyl			mg/kg						
Butyl benzyl phthalate			mg/kg						
Carbazole			mg/kg			0.063 J			
Chrysene	56	1	mg/kg	0.76		0.66			
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg	0.098 J		0.11			
Dibenzofuran	350	7	mg/kg	0.27		0.061 J	0.06 J		
Fluoranthene	500	100	mg/kg	1.7	0.055 J	1.4			
Fluorene	500	30	mg/kg	0.62		0.079 J	0.097 J		
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg	0.49		0.45			
Isophorone			mg/kg						
Naphthalene	500	12	mg/kg	0.43		0.091 J	0.034 J		
Phenanthrene	500	100	mg/kg	1	0.063 J	0.76	0.14		
Phenol	500	0.33	mg/kg						
Pyrene	500	100	mg/kg	1.7	0.042 J	1.3			
Polychlorinated Biphenyls									
Aroclor 1254	1	0.1	mg/kg					0.0095 J	
PCBs, Total	1	0.1	mg/kg					0.0095 J	
Total Metals									
Arsenic, Total	16	13	mg/kg	**21.8**	4.77	5.28	3.07	1.65	4.31
Barium, Total	400	350	mg/kg	60.3	89.3	30.8	66.4	32.1	29.2
Cadmium, Total	9.3	2.5	mg/kg	0.68	0.4 J	0.249 J	0.304 J	0.128 J	0.304 J
Chromium, Total			mg/kg	13.3	11.9	6.72	14.3	4.57	6.53
Lead, Total	1000	63	mg/kg	165	6.54	24	12	2.59	3.52
Mercury, Total	2.8	0.18	mg/kg	2.03		0.073 J			
Selenium, Total	1500	3.9	mg/kg	7.46	1.29 J	0.387 J	0.495 J	0.246 J	0.503 J
Silver, Total	1500	2	mg/kg	0.181 J					

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LOCATION				SOIL-SB19	SOIL-SB20	SOIL-SB21	SOIL-SB22	SOIL-SB23
SAMPLING DATE				10/11/2019	10/11/2019	10/11/2019	10/11/2019	10/14/2019
SAMPLE DEPTH (ft.)				13 - 14	10 - 11	14 - 15	15 - 16	15 - 17
	NY-RESC	NY-UNRES	Units	Results	Results	Results	Results	Results
General Chemistry								
Solids, Total			%	93.5	70.5	54.7	91	80.5
Volatile Organic Compounds								
1,4-Dichlorobenzene	130	1.8	mg/kg					
2-Butanone	500	0.12	mg/kg		0.037	0.01 J		
Acetone	500	0.05	mg/kg		0.24	0.1		0.012
Benzene	44	0.06	mg/kg					
Bromomethane			mg/kg					
Carbon disulfide			mg/kg			0.012 J		
Chlorobenzene	500	1.1	mg/kg					
Chloroform	350	0.37	mg/kg					
cis-1,2-Dichloroethene	500	0.25	mg/kg			0.00078 J		
Cyclohexane			mg/kg	0.27 J				
Ethylbenzene	390	1	mg/kg					
Isopropylbenzene			mg/kg	0.22				
Methyl Acetate			mg/kg				0.43	0.0018 J
Methyl cyclohexane			mg/kg	1.5			0.046 J	
o-Xylene			mg/kg					
p/m-Xylene			mg/kg					
Tetrachloroethene	150	1.3	mg/kg					
Toluene	500	0.7	mg/kg					
trans-1,2-Dichloroethene	500	0.19	mg/kg					
Trichloroethene	200	0.47	mg/kg					0.00086
Vinyl chloride	13	0.02	mg/kg					
Semivolatile Organic Compounds								
2,4-Dimethylphenol			mg/kg					
2-Methylnaphthalene			mg/kg	1.2				
2-Methylphenol	500	0.33	mg/kg					
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg					
Acenaphthene	500	20	mg/kg	0.75				
Acenaphthylene	500	100	mg/kg					
Acetophenone			mg/kg					
Anthracene	500	100	mg/kg	0.49				0.054 J
Benzaldehyde			mg/kg					
Benzo(a)anthracene	5.6	1	mg/kg					0.13
Benzo(a)pyrene	1	1	mg/kg					0.11 J
Benzo(b)fluoranthene	5.6	1	mg/kg					0.14
Benzo(ghi)perylene	500	100	mg/kg					0.061 J
Benzo(k)fluoranthene	56	0.8	mg/kg					0.055 J
Biphenyl			mg/kg					
Butyl benzyl phthalate			mg/kg					
Carbazole			mg/kg					0.037 J
Chrysene	56	1	mg/kg	0.021 J				0.12
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg					
Dibenzofuran	350	7	mg/kg	0.88				
Fluoranthene	500	100	mg/kg	0.053 J				0.3
Fluorene	500	30	mg/kg	1.7				0.022 J
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg					0.071 J
Isophorone			mg/kg			0.09 J		
Naphthalene	500	12	mg/kg	0.3				
Phenanthrene	500	100	mg/kg	2.2				0.24
Phenol	500	0.33	mg/kg					
Pyrene	500	100	mg/kg	0.22				0.24
Polychlorinated Biphenyls								
Aroclor 1254	1	0.1	mg/kg					
PCBs, Total	1	0.1	mg/kg					
Total Metals								
Arsenic, Total	16	13	mg/kg	2.16	1.74	0.497 J	4.53	3.61
Barium, Total	400	350	mg/kg	44.7	81.2	51.8	57.3	25.7
Cadmium, Total	9.3	2.5	mg/kg	0.118 J	0.312 J	0.173 J	0.206 J	0.252 J
Chromium, Total			mg/kg	3.42	17.4	3.36	18.9	6.71
Lead, Total	1000	63	mg/kg	2.61	8.35	2.34 J	44.8	5.11
Mercury, Total	2.8	0.18	mg/kg					
Selenium, Total	1500	3.9	mg/kg	0.359 J	0.84 J	1.09 J	0.408 J	
Silver, Total	1500	2	mg/kg					

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LOCATION				SOIL-SB24		SOIL-SB25		SOIL-SB26		SOIL-SB27	
SAMPLING DATE				10/14/2019		10/14/2019		10/10/2019		10/14/2019	
SAMPLE DEPTH (ft.)				14 - 16		12 - 14		9 - 10		15 - 17	
	NY-RESC	NY-UNRES	Units	Results		Results		Results		Results	
General Chemistry											
Solids, Total			%	82.8		89.6		53.2		84.4	
Volatile Organic Compounds											
1,4-Dichlorobenzene	130	1.8	mg/kg								
2-Butanone	500	0.12	mg/kg					0.024			
Acetone	500	0.05	mg/kg	0.0076	J	0.011		0.14		0.0095	
Benzene	44	0.06	mg/kg								
Bromomethane			mg/kg								
Carbon disulfide			mg/kg								
Chlorobenzene	500	1.1	mg/kg								
Chloroform	350	0.37	mg/kg							0.00014	J
cis-1,2-Dichloroethene	500	0.25	mg/kg			0.002				0.0035	
Cyclohexane			mg/kg								
Ethylbenzene	390	1	mg/kg								
Isopropylbenzene			mg/kg								
Methyl Acetate			mg/kg								
Methyl cyclohexane			mg/kg								
o-Xylene			mg/kg								
p/m-Xylene			mg/kg								
Tetrachloroethene	150	1.3	mg/kg			0.027					
Toluene	500	0.7	mg/kg								
trans-1,2-Dichloroethene	500	0.19	mg/kg								
Trichloroethene	200	0.47	mg/kg	0.0027		0.004				0.00024	J
Vinyl chloride	13	0.02	mg/kg								
Semivolatile Organic Compounds											
2,4-Dimethylphenol			mg/kg								
2-Methylnaphthalene			mg/kg								
2-Methylphenol	500	0.33	mg/kg								
3-Methylphenol/4-Methylphenol	500	0.33	mg/kg								
Acenaphthene	500	20	mg/kg								
Acenaphthylene	500	100	mg/kg								
Acetophenone			mg/kg								
Anthracene	500	100	mg/kg								
Benzaldehyde			mg/kg								
Benzo(a)anthracene	5.6	1	mg/kg								
Benzo(a)pyrene	1	1	mg/kg								
Benzo(b)fluoranthene	5.6	1	mg/kg								
Benzo(ghi)perylene	500	100	mg/kg								
Benzo(k)fluoranthene	56	0.8	mg/kg								
Biphenyl			mg/kg								
Butyl benzyl phthalate			mg/kg			0.18					
Carbazole			mg/kg								
Chrysene	56	1	mg/kg			0.039	J				
Dibenzo(a,h)anthracene	0.56	0.33	mg/kg								
Dibenzofuran	350	7	mg/kg								
Fluoranthene	500	100	mg/kg			0.021	J				
Fluorene	500	30	mg/kg								
Indeno(1,2,3-cd)pyrene	5.6	0.5	mg/kg								
Isophorone			mg/kg								
Naphthalene	500	12	mg/kg								
Phenanthrene	500	100	mg/kg								
Phenol	500	0.33	mg/kg								
Pyrene	500	100	mg/kg			0.024	J				
Polychlorinated Biphenyls											
Aroclor 1254	1	0.1	mg/kg								
PCBs, Total	1	0.1	mg/kg								
Total Metals											
Arsenic, Total	16	13	mg/kg	1.53		2.49		11		7.68	
Barium, Total	400	350	mg/kg	11.7		9.95		97.2		27.1	
Cadmium, Total	9.3	2.5	mg/kg	0.223	J	0.151	J	0.571	J	0.409	J
Chromium, Total			mg/kg	6.34		5.1		18.9		8.02	
Lead, Total	1000	63	mg/kg	6.46		3.52		60		3.62	
Mercury, Total	2.8	0.18	mg/kg					1			
Selenium, Total	1500	3.9	mg/kg			0.121	J	1.42	J		
Silver, Total	1500	2	mg/kg								

Table 2
Groundwater Analytical Results
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LOCATION			GW-CHA-DUP001	GW-SB03	GW-SB06	GW-SB12	GW-SB13	GW-SB14	GW-SB20	GW-SB23
SAMPLING DATE			10/11/2019	10/11/2019	10/14/2019	10/14/2019	10/14/2019	10/11/2019	10/11/2019	10/14/2019
	NY-AWQS	Units	Results	Results	Results	Results	Results	Results	Results	Results
Volatile Organics by GC/MS										
Benzene	1	ug/l						0.68	0.64	
Vinyl chloride	2	ug/l			1.4		410	160	1.5	
1,1-Dichloroethene	5	ug/l					7.8 J			
trans-1,2-Dichloroethene	5	ug/l						3.2	2.3 J	
cis-1,2-Dichloroethene	5	ug/l			17		3400	24		
Acetone	50	ug/l		5.3	6.8	13		9.8	18	41 J
2-Butanone	50	ug/l				5.8				
Cyclohexane		ug/l						0.97 J	0.47 J	
Semivolatile Organics by GC/MS										
Bis(2-ethylhexyl)phthalate	5	ug/l	1.5 J	1.9 J		1.5 J	1.6 J	1.8 J	1.8 J	1.6 J
Biphenyl		ug/l								0.82 J
Dibenzofuran		ug/l								5.4
3-Methylphenol/4-Methylphenol		ug/l				0.48 J				2.4 J
Carbazole		ug/l								4.1
Caprolactam		ug/l	120	70	110	100	580	130	120	270
Acenaphthene	20	ug/l	0.09 J	0.1	0.04 J	0.21	9.8		0.08 J	10
Fluoranthene	50	ug/l	1.7	1.2	0.37	4.2	2.8	0.31		170
Naphthalene	10	ug/l	0.09 J		0.11	0.14	2	0.06 J		7.8
Benzo(a)anthracene	0.002	ug/l	0.53	0.21	0.19	2.4	1.5	0.22		120
Benzo(a)pyrene	0	ug/l	0.28	0.07 J	0.17	2.3	0.93	0.16		110
Benzo(b)fluoranthene	0.002	ug/l	0.39	0.1	0.21	3.1	1.5	0.23		120
Benzo(k)fluoranthene	0.002	ug/l	0.12	0.03 J	0.08 J	1	0.42	0.07 J		35
Chrysene	0.002	ug/l	0.34	0.13	0.15	1.9	1.6	0.18		100
Acenaphthylene		ug/l	0.16	0.21	0.04 J	0.16	3.2	0.02 J		13
Anthracene	50	ug/l	0.35	0.38	0.08 J	0.6	2.1	0.03 J		38
Benzo(ghi)perylene		ug/l	0.16	0.04 J	0.12	1.5	0.75	0.1		58
Fluorene	50	ug/l	0.23	0.3	0.07 J	0.21	12	0.02 J		16
Phenanthrene	50	ug/l	2.3	2.5	0.35	2	11	0.2		100
Dibenzo(a,h)anthracene		ug/l	0.04 J	0.1 U	0.04 J	0.36	0.18	0.03 J		16
Indeno(1,2,3-cd)pyrene	0.002	ug/l	0.18	0.05 J	0.12	1.6	0.73	0.12		63
Pyrene	50	ug/l	1.4	0.98	0.33	3.6	4.4	0.29		190
2-Methylnaphthalene		ug/l	0.04 J	0.03 J	0.04 J	0.06 J	2.5	0.04 J		4.1
Polychlorinated Biphenyls by GC										
No PCBs Detected										
Total Metals										
Arsenic, Total	25	ug/l	29	26	72	90	1100	9 J	8 J	895
Barium, Total	1000	ug/l	853	617	1110	1220	5220	3770	2670	8350
Cadmium, Total	5	ug/l	8	5	14	18	66			71
Chromium, Total	50	ug/l	19	19	173	221	504	12 J	7 J	1040
Lead, Total	25	ug/l	139	98	557	1410	3430			9160
Mercury, Total	0.7	ug/l	0.74	0.41	1.27	0.58	0.41	0.55		19.3
Selenium, Total	10	ug/l	4 J		56		40			16 J
Silver, Total	50	ug/l					8 J			20

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

Table 3
Sub-Slab Vapor and Indoor Air Analytical Results
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LOCATION		Location 001		Location 002		Location 003		Location 004		Location 005		Location 006	
SAMPLE IDENTIFICATION		IA001	SSV001	IA002	SSV002	IA003	SSV003	IA004	SSV004	IA005	SSV005	IA006	SSV006
SAMPLING DATE		10/11/2019	10/11/2019	10/11/2019	10/11/2019	10/11/2019	10/11/2019	10/11/2019	10/11/2019	10/11/2019	10/11/2019	10/11/2019	10/11/2019
SAMPLE TYPE		AIR	SOIL_VAPOR	AIR	SOIL_VAPOR	AIR	SOIL_VAPOR	AIR	SOIL_VAPOR	AIR	SOIL_VAPOR	AIR	SOIL_VAPOR
	Units	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Volatile Organics in Air													
Dichlorodifluoromethane	ug/m3	2.5	2.2	1.86	2.5		1.93	2.15	2.39	2.12	2.8	2.07	2.56
Chloromethane	ug/m3	0.855		0.77				0.853	0.888	0.954		1.21	0.958
1,3-Butadiene	ug/m3	1.21								1.28			
Bromomethane	ug/m3											1.01	
Ethanol	ug/m3	11.5						16.8	10.4	22.2			15.5
Acetone	ug/m3	9.15	6.41	3.21	27.8		4.25	5.68	4.23	8.03	20.9	4.61	252
Trichlorofluoromethane	ug/m3	2	1.5		1.2		3.54	1.37	1.21	2.1	2.25		1.3
Isopropanol	ug/m3	1.57						1.47		3.07			3.05
Tertiary butyl Alcohol	ug/m3										1.92		10.5
Carbon disulfide	ug/m3		1.08		3.99		1.18				12.2		35.5
2-Butanone	ug/m3	3.1			2.38						5.84		7.4
Chloroform	ug/m3				10.4								
Tetrahydrofuran	ug/m3				1.72								
1,2-Dichloroethane	ug/m3				0.814								
n-Hexane	ug/m3	0.941	7.4		6.48		1.64			1.05	5.89		5.18
1,1,1-Trichloroethane	ug/m3		1.17		15.2		1.55						
Benzene	ug/m3	1.54	4.95		3.83					1.63	5.53		2.33
Cyclohexane	ug/m3	0.713	3.27		2.12		0.957			0.713	6.3		1.43
Heptane	ug/m3	35.8	13.4	1.04	4.47	225	8.03			33.2	5.9		8.16
4-Methyl-2-pentanone	ug/m3												323
Toluene	ug/m3	3.62	12.5	1.6	3.72	9.5	3.81	1.76	2.14	3.06	9.84	1.02	17
2-Hexanone	ug/m3				1.66								
Tetrachloroethene	ug/m3		9.02		1.42		39.3				1.56		2.21
Ethylbenzene	ug/m3	40	3.11		1.12	77.7	10.3			6.69	1.59		18.8
p/m-Xylene	ug/m3	155	12.9	1.9	4.33	317	43.9	2.04	3.21	27.1	5.99		74.7
Styrene	ug/m3		0.924				1.01				0.86		1.88
o-Xylene	ug/m3	46	4.56		2.03	87.3	13.1		1.56	8.12	2.7		54.3
4-Ethyltoluene	ug/m3		1.81		1.42		1.66		1.37		1.17		3.55
1,3,5-Trimethylbenzene	ug/m3		2.48		1.95		2.86		2.18		1.73		4.04
1,2,4-Trimethylbenzene	ug/m3	2.2	8.01		6		9		7.37	1.05	5.21		15.1
Volatile Organics in Air by SIM													
Carbon tetrachloride	ug/m3	0.51		0.403				0.434		0.403		0.472	
Trichloroethene	ug/m3									0.172			
Tetrachloroethene	ug/m3	0.468						0.936		2.77		0.461	

Table 4
NYSDOH Decision Matrix Outcomes
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Sample	Parameter	Sub-Slab Concentration ($\mu g/m^3$)	Indoor Air Concentration ($\mu g/m^3$)	Decision Matrix Outcome
Location 001	Tetrachloroethene	9.02	0.468	No Further Action
	Carbon Tetrachloride	ND	0.51	No Further Action
	1,1,1-Trichloroethane	1.17	ND	No Further Action
Location 002	Tetrachloroethene	1.42	ND	No Further Action
	Carbon Tetrachloride	ND	0.403	No Further Action
	1,1,1-Trichloroethane	15.2	ND	No Further Action
Location 003	Tetrachloroethene	39.3	ND	No Further Action
	1,1,1-Trichloroethane	1.55	ND	No Further Action
Location 004	Tetrachloroethene	ND	0.936	No Further Action
	Carbon Tetrachloride	ND	0.434	No Further Action
Location 005	Tetrachloroethene	1.56	2.77	No Further Action
	Carbon Tetrachloride	ND	0.403	No Further Action
	Trichloroethene	ND	0.172	No Further Action
Location 006	Tetrachloroethene	2.21	0.461	No Further Action
	Carbon Tetrachloride	ND	0.472	No Further Action

Note: Decision Matrices are found in the Guidance for Evaluating Soil Vapor Intrusion in the State of New York, first published by the New York State Department of Health in Ocober 2006. The Decision Matrices were updated in May 2017 and can be found here: https://www.health.ny.gov/environmental/indoors/vapor_intrusion/update.htm

Attachment A

Soil Boring Logs

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-01

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/14/2019 8:15:00 AM
FINISH DATE and TIME: 10/14/2019 8:40:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								TOPSOIL, Some f.m. Sand, grass, organics, dark brown, moist **(FILL)**			
								f.m SAND and GRAVEL, trace glass pieces, black, moist **(FILL)**			
						2		**Clayey SILT**, Some f.m. Gravel, brown, moist **(FILL)**			
S1	5	3.7	0.0								
						4					
								f.m. SAND and GRAVEL, brown, moist **(FILL)**			
						6		**Silty CLAY**, brown, moist **(FILL)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
S2	5	5	0.0								
						8		Wood fragments, brown, moist			
								CLAY, brown, moist **(CL)**			
						10					
						12		stained soil			
S3	5	4	0.0							Collected soil sample SOIL-SB01 from 13ft to 15ft bgs at 08:40.	
						14		**CLAY**, little f.m. sand, moist, gray **(CL)**			
						16					
S4	5	5	0.0								
						18		**Clayey SILT**, gray, moist **(ML)**			
								CLAY, trace f. sand, gray, moist **(CL)**			
								Clayey SILT and f. SAND, gray, moist **(SM)**			

End of Boring at 20 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-02

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/14/2019 8:45:00 AM
FINISH DATE and TIME: 10/14/2019 9:00:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								TOPSOIL, some grass, brown, moist **(FILL)**			
								f. SAND and GRAVEL, brown, moist **(FILL)**			
								BRICK, **(FILL)**			
						2		**f.m. SAND and GRAVEL**, brown, moist **(FILL)**			
S1	5	2.5	0.0								
						4					
								m.c. SAND and GRAVEL, trace brick, brown, moist **(FILL)**			
						6		**f. SAND**, Some Silty Clay, brown, moist **(FILL)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
S2	5	4	0.0								
						8		**f.m.c. SAND and GRAVEL**, trace brick, brown, moist **(FILL)**			
						10					
								Silty CLAY, brown, moist **(ML)**			
								f. SAND and Clayey SILT, brown, wet **(SP)**			
						12				Lithology from 10ft to 15ft is based on interpretation of less than 50% recovery. Actual lithology may vary.	
S3	5	1.4	0.0								
						14		becomes gray and saturated **(SP)**			
						16					
										Collected soil sample SOIL-SB02 from 15ft to 17ft bgs at 09:05.	
S4	5	2.2	0.0			18					

End of Boring at 20 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-03

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/11/2019 10:35:00 AM
FINISH DATE and TIME: 10/11/2019 10:50:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE			
								m.c. SAND and GRAVEL, black, moist **(FILL)**			
						2		**CLAY**, light gray, very stiff, moist **(FILL)**			
S1	5	3.3	0.0								
						4		**f.m.c SAND and GRAVEL**, gray, loose **(FILL)**			
						6		trace brick, trace glass, black staining		Collected soil sample SOIL-SB03 from 9ft to 10ft bgs at 11:30. Collected groundwater sample GW-SB03 at 10:15 on 10/11/2019. Also collected duplicate groundwater sample GW-CHA-DUP001 at this location.	
								metal shavings, black staining			
S2	5	5	1.2			8		**f.m. SAND**, Some Silty Clay, black, loose, moist **(FILL)**			
						10		**f.m. SAND and GRAVEL**, trace brick, loose **(FILL)**			
								CLAY, gray, soft, moist, **(CL)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
S3	5	5	2.7			12					
						14					
						16		**f.m.c SAND and SILT**, gray, wet **(SM)**			
S2	5	5	0.0			18					

End of Boring at 20 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-04

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher INSPECTOR: S. Miller
START DATE and TIME: 10/10/2019 11:35:00 AM
FINISH DATE and TIME: 10/10/2019 11:55:00 AM
SURFACE ELEV: CHECKED BY: K. Ehmann

DRILL FLUID: None DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE			
								m.c. SAND and GRAVEL, trace metal shavings, brown, moist **(FILL)**			
						2					
S1	5	4	0.0					**Silty CLAY**, brown, moist **(FILL)**			
						4					
								m.c. SAND, trace silty clay, brown moist **(FILL)**			
						6		**f. SAND**, Some Silty Clay, brown, moist **(FILL)**			
								Silty CLAY, Some f. Sand, brown, moist **(FILL)**			
S2	5	4.5	0.9								
						8		**m.c. SAND**, trace gravel, trace brick, gray, wet **(FILL)**			
								Silty CLAY, brown, moist **(FILL)**			
								f. SAND, Some Silty Clay, gray, moist **(FILL)**			
						10		**Silty CLAY**, brown, moist **(CL)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						12					
S3	5	5	0.0								
								f. SAND, Some SIlty Clay, trace gravel, black, moist **(SP)**			
						14		**CLAY**, gray, moist **(CL)**			
								Silty CLAY, trace f. sand, gray, moist **(CL)**			
						16		**SILT and f. SAND**, gray, saturated **(SM)**		Collected soil sample SOIL-SB04 from 16ft to 17ft bgs at 12:25.	
S4	5	5	0.0								
						18		**f.m.c. SAND**, trace silt, gray, saturated **(SP)**			

End of Boring at 20 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-05

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/11/2019 1:35:00 PM
FINISH DATE and TIME: 10/11/2019 1:50:00 PM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								TOPSOIL, Some Grass **(FILL)**			
								f. SAND, Some Gravel, trace silty clay, dark brown, moist **(FILL)**			
								m.c. SAND and GRAVEL, trace metal shavings, brown, moist **(FILL)**			
						2		**m.c. SAND**, Some Silty Clay, black, moist **(FILL)**			
S1	5	3	0.0					**Silty CLAY**, trace gravel, brown, moist **(FILL)**			
						4		**m.c. SAND and GRAVEL**, trace metal shavings, trace wood, brown, moist **(FILL)**			
						6				The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
S2	5	5	0.0			8		**Silty CLAY**, brown, moist **(CL)**			
						10		**SAND and Silty CLAY**, brown, moist **(SC)**			
S3	5	3	0.0			12				Collected soil sample SOIL-SB05 from 13ft to 15ft bgs at 13:55. Also collected duplicate soil sample SOIL-CHA-DUP001 at this location.	
						14					
								End of Boring at 15 ft			
						16					
						18					

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-06

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher | INSPECTOR: S. Miller
START DATE and TIME: 10/11/2019 12:55:00 PM
FINISH DATE and TIME: 10/11/2019 1:15:00 PM
SURFACE ELEV: | CHECKED BY: K. Ehmann

DRILL FLUID: None | DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								TOPSOIL, **(FILL)**			
								f.m.c. SAND, trace gravel, brown, moist **(FILL)**			
								m.c. SAND, Some Silty Clay, trace brick, trace gravel, brown, moist **(FILL)**			
						2					
S1	5	3	1.8					black staining and white, soft, soil			
						4					
								f.m.c. SAND, trace gravel, trace concrete, trace brick, brown and orange, moist **(ML)**			
						6		**Silty CLAY**, brown, moist **(SC)**			
S2	5	3.1	0.0							The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						8					
						10					
						12		**m.c. SAND**, Some Silty Clay, brown, moist **(SP)**			
S3	5	3.5	0.0								
						14					
								f.m.c. SAND, gray, wet			
						16				Collected soil sample SOIL-SB06 from 15ft to 16ft bgs at 13:15. Collected groundwater sample GW-SB06 at 07:35 on 10/14/2019.	
S4	5	5	0.0								
						18					

End of Boring at 20 ft

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-07

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/10/2019 8:30:00 AM
FINISH DATE and TIME: 10/10/2019 8:50:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE, **(FILL)**			
								f.m. SAND, trace gravel, trace silt, brown, moist **(FILL)**			
								f.m.c. SAND, Some Gravel, trace silt, black, moist **(FILL)**			
						2		**f.m. SAND**, Some Silty Clay, trace gravel, brown, moist **(FILL)**			
S1	5	4	0.0								
						4		**f.m. SAND**, Some Silty Clay, trace gravel, brown, moist **(FILL)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						6		**Silty CLAY**, tan, soft, moist **(CL)**			
S2	5	4	6.8								
						8					
								m.c. SAND, trace clay, black, moist **(SC)**		Collected soil sample SOIL-SB07 from 9ft to 10ft bgs at 09:00.	
						10		**CLAY**, dark brown, soft, moist **(CL)**			
								CLAY, gray, stiff, moist **(CL)**			
						12					
S3	5	5	0.0								
						14		**m.c. SAND**, trace gravel, gray, wet **(SP)**			
								End of Boring at 15 ft			
						16					
						18					

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-08

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/10/2019 9:15:00 AM
FINISH DATE and TIME: 10/10/2019 9:30:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE, **(FILL)**			
								f.m.c. SAND, trace gravel, trace clay and silt, dark brown, moist **(FILL)**			
						2					
S1	5	4	0.0					**CLAY**, brown, moist **(FILL)**			
						4				The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
								f.m.c. SAND, Some Gravel, trace clay, brown, loose, moist **(FILL)**			
						6		**CLAY**, brown, moist, stiff **(CL)**			
S2	5	4.7	0.0								
						8		**Clayey SILT**, trace f. sand, moist **(ML)**			
								f.m. SAND, Some Silty Clay, trace gravel, dark brown, moist **(SC)**			
						10		**f.m.c. SAND and GRAVEL**, trace brick, dark brown, wet **(SC)**		Collected soil sample SOIL-SB08 from 10ft to 11 ft bgs at 09:30	
								CLAY, gray, stiff, moist **(CL)**			
						12					
S3	5	5	0.0								
						14					
								End of Boring at 15 ft			
						16					
						18					

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-09

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/10/2019 4:30:00 PM
FINISH DATE and TIME: 10/10/2019 4:50:00 PM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE			
								CONCRETE, Some Gravel **(FILL)**			
						2		**f.m.c. SAND and GRAVEL**, trace metal shavings, black, moist **(FILL)**			
S1	5	4	0.0					**f.m. SAND**, Some Silty Clay, trace gravel, brown, moist **(FILL)**			
						4		**m.c.SAND anf GRAVEL**, black, moist **(FILL)**			
								brown **(FILL)**			
						6		**f.m. SAND**, Some Silty Clay, brown, moist **(FILL)**			
S2	5	4	1.4			8		**m.c. SAND and GRAVEL**, brown, moist **(FILL)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						10		**m.c. SAND and GRAVEL**, Some Silty Clay, brown, moist **(FILL)**			
						12		**CLAY**, dark gray, wet **(CL)**			
S3	5	3.5	0.0					**Clayey SILT**, gray, wet **(ML)**		Collected soil sample SOIL-SB09 from 13ft to 14 ft bgs at 17:00.	
						14		**f. SAND and GRAVEL**, Some Clayey Silt, gray, wet **(SP)**			
								End of Boring at 15 ft			
						16					
						18					

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-10

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/10/2019 4:00:00 PM
FINISH DATE and TIME: 10/10/2019 4:20:00 PM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								f.m.c. SAND and GRAVEL, trace brick, light brown, dry **(FILL)**			
								m.c. SAND and GRAVEL, black, moist **(FILL)**			
S1	5	4	0.5			2				The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						4		**CLAY**, brown, moist **(CL)**			
						6					
S2	5	3	21.5					**Silty CLAY**, black, moist **(CL)**			
						8		**CLAY**, brown, moist **(CL)**			
						10					
						12					
S3	5	5	326.8							Collected soil sample SOIL-SB10 from 13ft to 14ft bgs at 16:30.	
						14		**Silty CLAY**, gray, moist **(CL)**			
								End of Boring at 15 ft			
						16					
						18					

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JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-11

PROJECT NUMBER: 59294 | 10/16/2019

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	S. Miller
START DATE and TIME:	10/14/2019 9:45:00 AM
FINISH DATE and TIME:	10/14/2019 10:00:00 AM
SURFACE ELEV:	388.0 (ft; Estimated)
CHECKED BY:	K. Ehmann

DRILL FLUID: None | DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								m.c. SAND and GRAVEL, tan, moist **(FILL)**			
								f.m.c. SAND and GRAVEL, brown, moist **(FILL)**			
						2			386		
S1	5	3.5	0.0					**Silty CLAY**, Some f. Sand, light brown, moist **(FILL)**			
						4			384		
								m.c.SAND and GRAVEL, orange and white, moist **(FILL)** dark brown		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						6			382		
								Silty CLAY, gray, moist **(CL)**			
S2	5	4	0.6								
						8			380		
								CLAY, gray, moist **(CL)**			
						10			378	Very strong petroleum-like odor. Heavy sheen on the soil.	
						12			376		
S3	5	5	96.9					**Silty CLAY**, gray, moist **(CL)**			
								m.c. SAND and GRAVEL, dark gray, saturated **(SP)**			
						14			374		
								Sheen			
						16			372	Collected soil sample SOIL-SB11 from 16ft and 18ft bgs at 10:00.	
S4	5	5	28.8								
						18			370		
								Clayey SILT, gray, saturated **(CL)**			

End of Boring at 20 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-12

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/11/2019 2:20:00 PM
FINISH DATE and TIME: 10/11/2019 2:45:00 PM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								TOPSOIL, **(FILL)**			
								f.SAND and Silty CLAY, black, moist **(FILL)**			
								f. SAND, Some Silty Clay, brown moist **(FILL)**			
S1	5	4.5	0.0					**m.c. SAND and GRAVEL**, trace metal shavings, black, moist **(FILL)**			
								f.m.Gravel, **(FILL)**			
								Silty CLAY, brown, moist **(CL)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						5					
S2	5	4	0.0								
								f. SAND and SILT, tan, moist **(SM)**			
								Silty CLAY, brown, moist **(CL)**			
						10		becomes gray			
S3	5	3.5	0.0								
						15					
S4	5	3	0.0					**f. SAND and SILT**, gray, moist **(SM)**		Collected soil sample SOIL-SB12 from 19ft to 20ft bgs at 14:40. Collected groundwater sample GW-SB12 at 08:15 on 10/14/2019.	
						20		becomes brown and saturated			
S5	5	5	0.0								
								m.c. SAND, trace silty clay, brown, moist **(SP)**			

End of Boring at 25 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-13

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher INSPECTOR: S. Miller
START DATE and TIME: 10/14/2019 9:20:00 AM
FINISH DATE and TIME: 10/14/2019 9:40:00 AM
SURFACE ELEV: CHECKED BY: K. Ehmann

DRILL FLUID: None DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								m.c. SAND and GRAVEL, trace clay, brown, moist **(FILL)**			
						2					
S1	5	2.5	0.0								
						4					
								m.c. SAND, trace gravel, trace brick, brown, moist **(FILL)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount. Collected soil sample SOIL-SB13 from 10ft to 11ft bgs at 09:40. Collected groundwater sample GW-SB13 at 10:25 on 10/14/2019. Sheen identified on groundwater sample. Lithology from 10ft to 15ft is based on interpretation of less than 50% recovery. Actual lithology may vary.	
						6		**Silty CLAY**, brown, moist **(FILL)**			
								m.c. SAND and GRAVEL, white and black staining, moist **(FILL)**			
S2	5	3.5	79.7					**Clayey SILT**, gray, slight staining, moist **(ML)**			
						8					
								m.c. SAND and GRAVEL, brown, wet **(SC)**			
						10					
						12					
S3	5	0.6	12.8								
						14		**Clayey SILT**, gray, very soft, saturated **(ML)**			
						16					
S4	5	4	0.8					slight petroleum odor			
						18					
								m.c. SAND and GRAVEL, gray, saturated **(SC)**			

End of Boring at 20 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-14

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher | INSPECTOR: S. Miller
START DATE and TIME: 10/10/2019 3:30:00 PM
FINISH DATE and TIME: 10/10/2019 3:50:00 PM
SURFACE ELEV: 388.0 (ft; Estimated) | CHECKED BY: K. Ehmann

DRILL FLUID: None | DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE, brick and gravel **(FILL)**			
								CLAY, trace gravel, brown, moist **(FILL)**			
						2		**m.c. SAND and GRAVEL**, black, moist **(FILL)**	386		
S1	5	3.5	0.0								
								CLAY, brown, moist **(FILL)**			
								m.c. SAND and GRAVEL, **(FILL)**			
						4			384		
						6			382	The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
								Silty CLAY, brown, moist **(CL)**			
S2	5	3.5	1.8								
						8			380		
								CLAY, gray, stiff, moist **(CL)**			
						10			378		
						12			376		
S3	5	5	0.7								
						14		**Clayey SILT**, gray, soft, moist **(CL)**	374	Collected soil sample SOIL-SB14 from 14ft to 15ft bgs at 15:50. Collected groundwater sample GW-SB14 at 09:30 on 10/11/2019. Also collected GW-CHA-MS001 and GW-CHA-MSD001 at this location.	
								f.m.c. SAND and GRAVEL, gray, saturated **(SP)**			
						16			372		
S4	5	4	0.0								
						18			370		

End of Boring at 20 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-15

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/10/2019 2:45:00 PM
FINISH DATE and TIME: 10/10/2019 3:00:00 PM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE, **(FILL)**			
								Clayey SILT, trace gravel, brown, moist **(FILL)**			
								f.m.c. SAND, trace gravel, black moist **(FILL)**			
						2		**Silty CLAY**, trace gravel, brown, moist **(FILL)**			
S1	5	3	0.0					**GRAVEL**, **(FILL)**			
								f.m.c. SAND, trace gravel, dark brown, moist **(FILL)**			
						4				The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount. Collected soil sample SOIL-SB15 from 7ft - 8ft bgs at 15:00.	
								f.m.c. SAND and GRAVEL, light brown, moist **(FILL)**			
						6		**f.m.SAND**, trace silt, trace gravel, dark brown, moist, petroleum odor **(FILL)**			
S2	5	4	328.5					**CLAY**, light brown, moist **(CL)** Seashells			
						8					
						10					
						12					
S3	5	5	0.6								
						14					
								f.m. SAND and GRAVEL, gray, moist **(SP)**			
								End of Boring at 15 ft			
						16					
						18					

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-16

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/10/2019 2:05:00 PM
FINISH DATE and TIME: 10/10/2019 2:20:00 PM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE, gravel			
								f.m.c. SAND and GRAVEL, some brick, trace metal shavings, dark brown, moist **(FILL)**			
						2					
S1	5	2.7	20.0								
						4					
								becomes brown and black **(FILL)**			
						6				The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
								CLAY, gray, moist, petroleum odor, black staining **(CL)**			
S2	5	4	205.1								
						8		Petroleum odor, staining			
						10		**f.m.c. SAND and GRAVEL**, dark brown, moist **(SP)**			
								CLAY, light gray, medium stiff, moist **(CL)**			
						12					
S3	5	5	956.2					Petroleum odor		Collected soil sample SOIL-SB16 from 13ft to 14ft bgs at 14:35.	
								Silty CLAY, Some f. Sand, gray, soft, moist **(ML)**			
						14		**f.m.c. SAND and GRAVEL**, gray, moist **(SP)**			
								End of Boring at 15 ft			
						16					
						18					

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-17

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: K. Ehmann
START DATE and TIME: 10/11/2019 8:15:00 AM
FINISH DATE and TIME: 10/11/2019 8:35:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								TOPSOIL, grass **(FILL)**			
								f.m. SAND and GRAVEL, brown, compact, moist **(FILL)**			
								SILT, Some Gravel, brown, stiff, moist **(FILL)**			
						2		**Silty CLAY**, trace gravel, light brown, stiff, moist **(FILL)**			
S1	5	3.6	1.2								
						4					
								f.m. SAND, Some Gravel, black and brown, medium compact, moist **(FILL)**			
								SILT, Some Sand, light brown, medium stiff, moist **(ML)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						6		**Silty CLAY**, light brown, stiff, moist **(CL)**			
S2	5	3	0.0								
						8					
						10					
								SILT, Some Sand, trace seashells, light brown, medium stiff, moist **(ML)**			
						12					
S3	5	4.2	0.5								
								f.m. SAND and GRAVEL, gray, compact, moist **(SP)**			
						14				Collected soil sample SOIL-SB17 from 14ft to 15ft bgs at 08:45.	
								f.m. SAND, gray, loose, saturated **(SP)**			
						16		**f.m. SAND and GRAVEL**, gray, compact, saturated **(SP)**			
S4	5	5	0.9								
						18					
								Silty CLAY, gray, soft, moist **(CL)**			

End of Boring at 20 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-18

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/11/2019 10:55:00 AM
FINISH DATE and TIME: 10/11/2019 11:10:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								f.c. GRAVEL, Some m.c. Sand, gray, dry **(FILL)**			
								f.m. SAND, little clayey silt, trace gravel, brown, moist **(FILL)**			
						2					
S1	5	5	0.0					**Clayey SILT**, brown, moist **(FILL)**			
						4					
								f. SAND, Some Silty Clay, trace gravel, gray and dark brown, moist **(FILL)**			
						6		**Silty CLAY**, brown, moist **(CL)**			
S2	5	5	0.0			8				The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						10		**f.m. SAND and GRAVEL**, brown, moist **(SP)**			
								Clayey SILT, trace gravel, brown, moist **(CL)**			
						12					
S3	5	5	0.0								
						14		**f.m.c. SAND and GRAVEL**, gray, saturated **(SP)**		Collected soil sample from 14ft to 15ft bgs at 11:15.	
								End of Boring at 15 ft			
						16					
						18					

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-19

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/11/2019 10:15:00 AM
FINISH DATE and TIME: 10/11/2019 10:30:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								c. GRAVEL, gray, dry **(FILL)**			
								BRICK, Some f. Sand, dry **(FILL)**			
								f.m.c. SAND, trace gravel, brown, moist **(FILL)**			
						2					
S1	5	3	0.0					**f. GRAVEL**, dry **(FILL)**			
								f.m.c. SAND, trace gravel, brown, moist **(FILL)**			
						4					
								f.m.c. SAND and GRAVEL, brown, moist **(FILL)**			
						6		**Clayey SILT**, brown, moist **(ML)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
S2	5	3	0.0								
						8					
								f.m.c. SAND and GRAVEL, gray, moist **(SP)**			
						10					
								Silty CLAY, gray, moist **(CL)**			
						12					
S3	5	4	50.6					**f.m.c SAND and GRAVEL**, gray, wet, petroleum odor **(SP)**		Collected soil sample SOIL-SB19 from 13ft to 14ft bgs at 10:40.	
						14					
								f.c. GRAVEL, Some f. Sand, gray, wet **(GP)**			
						16		**f. SAND**, Some Clayey Silt, trace gravel, gray, wet **(SM)**			
								f.m.c. SAND, Some Gravel, gray, wet **(SP)**			
								f. SAND, Some Clayey Silt, gray wet **(SP)**			
S4	5	5	0.0			18		**f.m.c. SAND**, gray, wet **(SP)**			

End of Boring at 20 ft

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-20

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	10/11/2019 8:50:00 AM
FINISH DATE and TIME:	10/11/2019 9:15:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								f.m. SAND and GRAVEL, gray, compact, moist **(FILL)**			
								SILT, trace clay, brown, stiff, moist **(FILL)**			
S1	5	3.5	0.6			2					
						4		**Silty CLAY**, brown, stiff, moist **(CL)**			
						6				The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
S2	5	5	0.0			8					
						10		**Silty CLAY**, Some Gravel, gray, compact, wet **(GC)**		Collected soil sample SOIL-SB20 from 10ft to 11ft bgs at 09:15. Collected groundwater sample GW-SB20 at this location at 10:45 on 10/11/2019.	
S3	5	5	0.5			12					
						14		**SILT**, brown, medium stiff, moist **(ML)**			
								f.m. SAND and GRAVEL, grey, medium compact, moist **(SP)**			
								End of Boring at 15 ft			
						16					
						18					

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-21

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/11/2019 11:25:00 AM
FINISH DATE and TIME: 10/11/2019 11:45:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								f.m.c. SAND and GRAVEL, Some Brick, Some Concrete, brown, moist **(FILL)**			
S1	5	2.5	0.0			2					
						4				The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount. Lithology from 5ft to 10ft is based on interpretation of less than 50% recovery. Actual lithology may vary.	
						6					
S2	5	1.5	0.0					**f.m.c. SAND**, trace gravel, brown, moist **(SP)**			
						8					
						10		**f.m. SAND**, Some Silty Clay, brown, moist **(SP)**			
						12					
S3	5	4	0.0					**f. SAND**, tan, moist **(SP)**			
						14		**Silty CLAY**, brown, moist **(CL)**		Collected soil sample SOIL-SB21 from 14ft to 15ft bgs at 11:45.	
								End of Boring at 15 ft			
						16					
						18					

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-22

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/11/2019 9:30:00 AM
FINISH DATE and TIME: 10/11/2019 9:50:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								f.c. GRAVEL, Some f.m. Sand, light brown, dry **(FILL)**			
								f. SAND and GRAVEL, trace pebbles, brown, moist **(FILL)**			
						2					
S1	5	4	0.0								
								Silty CLAY, dark brown, moist **(FILL)**			
						4					
								f. SAND, Some Gravel, brown, moist **(FILL)**			
						6				The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
								WOOD, little f. sand and gravel, black, moist **(FILL)**			
S2	5	4.5	0.0					**f. SAND**, trave gravel, dark brown, moist **(FILL)**			
						8		**CLAY**, brown, moist **(CL)**			
						10					
								f.c. GRAVEL, Some Silt and Clay, brown, saturated **(GC)**			
						12		**f. SAND**, Some Clayey Silt, dark brown, moist **(SP)**			
S3	5	5	28.4								
								CLAY, trace gravel, brown, moist **(CL)**			
						14					
						16		**f.c. GRAVEL**, Some f. Sand, little clayey silt, saturated, petroleum odor **(GP)**		Collected soil sample SOIL-SB22 from 15ft to 16ft bgs at 10:05.	
S4	5	4.5	8.6			18					

End of Boring at 20 ft

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-23

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/14/2019 10:40:00 AM
FINISH DATE and TIME: 10/14/2019 11:00:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								m.c. SAND and GRAVEL, brown, moist **(FILL)**			
								f.m. SAND, little gravel, moist **(FILL)**			
						2		**Silty CLAY**, brown, moist **(FILL)**			
S1	5	4.5	0.3					**Clayey SILT**, trace f. sand, dark gray, moist **(FILL)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						4		**f. SAND**, Some Silty Clay, dark gray, moist **(SP)**			
						6					
S2	5	4.5	1.4					**Clayey SILT**, Some f. Sand, gray, moist **(SP)**			
						8					
						10					
								m.c.SAND and GRAVEL, gray, moist **(SC)**			
						12		**CLAY**, gray, moist **(CL)**			
S3	5	5	0.0							Collected soil sample SOIL-SB23 from 15ft to 17ft bgs at 11:00. Collected groundwater sample GW-SB23 at 12:35 on 10/14/2019.	
						14		**Silty CLAY**, brown and tan, wet **(CL)**			
						16		**Clayey SILT**, Some f. Sand, brown, saturated **(ML)**			
S4	5	5	0.0								
						18					
								CLAY, trace f. sand, brown, moist **(CL)**			

End of Boring at 20 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-24

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/14/2019 11:10:00 AM
FINISH DATE and TIME: 10/14/2019 11:30:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE, **(FILL)**			
								f.m.c. SAND and GRAVEL, brown, moist **(FILL)**			
						2					
S1	5	2.5	0.0					**Silty CLAY**, trace brick, moist, brown **(FILL)**			
						4					
								f.m. SAND, Some Silt, trace f. angular gravel **(FILL)**		Lithology from 5ft to 10ft is based on interpretation of less than 50% recovery. Actual lithology may vary.	
						6					
S2	5	0.5	0.0					**f.m. SAND**, Some Silt, trace f. angular gravel **(FILL)**			
						8					
								f.m. SAND, little silt, dark brown **(SP)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						10					
						12					
S3	5	5	0.0								
						14		**Clayey SILT**, Some f. Sand, brown, wet **(ML)**		Collected soil sample SOIL-SB24 from 14ft to 16ft bgs at 11:25.	
								m.c. SAND, Some Clayey Silt, brown, saturated **(SP)**			
						16					
S4	5	5	0.0					**CLAY**, brown, moist **(CL)**			
						18					

End of Boring at 20 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-25

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/14/2019 11:35:00 AM
FINISH DATE and TIME: 10/14/2019 12:00:00 PM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								m.c. SAND and GRAVEL, gray, moist **(FILL)**			
								f. SAND, Some Silty Clay, brown, moist **(FILL)**			
S1	5	4	0.0			2					
						4		**Clayey SILT**, trace gravel, brown, moist **(ML)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						6		**CLAY**, brown, moist **(CL)**			
S2	5	4	0.0			8		**m.c.SAND and GRAVEL**, brown, moist **(SP)**			
						10		becomes saturated			
						12		**CLAY**, brown, wet **(CL)**			
S3	5	5	0.6					**f. SAND**, Some Clayey Silt, gray, moist **(SP)**		Collected soil sample SOIL-SB25 from 12ft to 14ft bgs at 11:50. Also collected SOIL-CHA-MS001 and SOIL-CHA-MSD001 at this location.	
						14					
								m.c. SAND and GRAVEL, moist, brown **(SP)**			
						16					
S4	5	5	0.0			18					
								CLAY, brown, moist **(CL)**			

End of Boring at 20 ft

PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-26

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/10/2019 9:55:00 AM
FINISH DATE and TIME: 10/10/2019 10:15:00 AM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								m.c. SAND and GRAVEL, trace clay, brown, moist **(FILL)**		Lithology from 0ft to 5ft is based on interpretation of less than 50% recovery. Actual lithology may vary. The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
						2					
S1	5	1.2	0.0					**Clayey SILT**, brown, soft, moist **(ML)**			
						4					
						6		**f. GRAVEL**, Some m.c. Sand, gray, moist **(SP)**			
								f.m.c. SAND, Some Clayey Silt, gray, moist **(SP)**			
S2	5	2.5	0.0					**f. GRAVEL**, Some m.c. Sand, gray, moist **(SP)**			
						8		**Silty CLAY**, dark gray, moist **(CL)**		Collected soil sample SOIL-SB26 from 9ft to 10ft bgs at 10:20.	
						10		No Recovery			
						12					
S3	5	0									
						14					
								End of Boring at 15 ft			
						16					
						18					

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PROJECT NUMBER: 59294 10/16/2019

JMA Wireless
SUBSURFACE LOG
HOLE NUMBER SB-27

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: S. Miller
START DATE and TIME: 10/14/2019 12:05:00 PM
FINISH DATE and TIME: 10/14/2019 12:25:00 PM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING METHOD: Geoprobe 7720 DT

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								m.c.SAND and GRAVEL, brown, moist **(FILL)**			
								m.c.SAND and GRAVEL, brown, moist **(FILL)**			
						2		**Silty CLAY**, brown, moist **(CL)**		The interface between the fill and native soil layers was determined based on several factors including soil type, elevation, location, and adjacent borings. The interface depth is an interpretation and estimated relative to the soil recovery amount.	
S1	5	2.5	0.0			4		**Clayey SILT**, trace gravel, brown, moist **(ML)**			
						6					
S2	5	3	0.0			8		**m.c. SAND**, Some Clayey Silt, trace brick, orange, gray, and brown, moist **(SP)**			
						10		**Clayey SILT**, gray, wet **(ML)**			
						12		**CLAY**, brown, wet **(CL)**			
S3	5	4	0.0			14		**m.c. SAND and GRAVEL**, trace silty clay, gray, moist **(SP)**			
						16		**m.c. SAND and GRAVEL**, gray, wet **(SP)**		Collected soil sample SOIL-SB27 from 15ft to 17ft bgs at 12:20.	
S4	5	5	0.0			18					

End of Boring at 20 ft

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Attachment B

Air Sampling Logs

CHA

SUMMA Canister Sampling Log

Sample Designation: SSV 001 IA001

Project Name: Clinton Street Properties

Logged By: S. Miller/K. Ehmann

Project Location: South Clinton St., Syracuse, NY

Date: 10/11/2019

Project Number: 59294

SUMMA Canister Information:

Sample ID: SSV 001 and IA001

Sample Location: _____

SUMMA Canister Serial No. : 2357 (IA001) 2308

Regulator Calibration Period: 4.5 ml/min same

Regulator Serial No. : 01118 01269

Regulator Calibrated By: _____

Laboratory Recorded Vacuum: -29.2 (IA001) -29.3

Date: 10/3/2019 Time: _____

Start Date: 10·11·19

Finish Date: 10·11·19

Start Time: 0655

Finish Time: 1521

Initial Vacuum: -30.07

Ending Vacuum: -3.73

IA vacuum -30.21

IA (-1.96)

Sampling Information:

Sample Type: _____

Sample Ship Date: _____

Sampled by: _____

No. of Containers: _____

Sample Analyses: _____

Comments:

Helium test → 4925 ppm

CHA

SUMMA Canister Sampling Log

Sample Designation:

Project Name: Clinton Street Properties

Logged By: S. Miller/K. Ehmann

Project Location: South Clinton St., Syracuse, NY

Date: 10·11·19

Project Number: 59294

SUMMA Canister Information:

Sample ID: SSV 002

Sample Location: _____

SUMMA Canister Serial No. : 2177 IA: 262

Regulator Calibration Period: _____

Regulator Serial No. : D262 IA: 0716

Regulator Calibrated By: _____

Laboratory Recorded Vacuum: -28.4 IA: -29.0

Date: _____ Time: _____

Start Date: 10·11·19

Finish Date: 10·11·19

Start Time: 0728

Finish Time: 1530

Initial Vacuum: -30.52 IA: -30.48

Ending Vacuum: IA -3.32

-2.28 (SS)

Sampling Information:

Sample Type: _____

Sample Ship Date: _____

Sampled by: _____

No. of Containers: _____

Sample Analyses: _____

Comments:

Helium test → 125 ppm

CHA

SUMMA Canister Sampling Log

Sample Designation: SSV 003 / IA003

Project Name: Clinton Street Properties

Logged By: S. Miller/K. Ehmann

Project Location: South Clinton St., Syracuse, NY

Date:

Project Number: 59294

SSV = black

SUMMA Canister Information:

Sample ID: SSV 003

Sample Location: _____

SUMMA Canister Serial No. : 485 2684

Regulator Calibration Period: 4.5

Regulator Serial No. : 01249 01213

Regulator Calibrated By: _____

Laboratory Recorded Vacuum: -29.5

Date: 10/3/19 Time: _____

Start Date: 10.11.19

Finish Date: 10.11.19

Start Time: ~~0705~~ 0712

Finish Time: 1519

Initial Vacuum: -29.91 ~~-0.91~~

Ending Vacuum: -6.91 (SSV)

IA vacuum = -30.38

-2.93 (IA)

Sampling Information:

Sample Type: _____

Sample Ship Date: _____

Sampled by: _____

No. of Containers: _____

Sample Analyses: _____

Comments:

Helium test → 1525 ppm

CHA

SUMMA Canister Sampling Log

Sample Designation: SSV-06 IA004

Project Name: Clinton Street Properties	Logged By: S. Miller/K. Ehmann
Project Location: South Clinton St., Syracuse, NY	Date: 10/10/2019
Project Number: 59294	

SUMMA Canister Information:

Sample ID: ~~SS-02~~ ~~SSV-02~~ SSV-06

Sample Location: Gabriel Bldg

SUMMA Canister Serial No. : _____

Regulator Calibration Period: _____

Regulator Serial No. : _____

Regulator Calibrated By: _____

Laboratory Recorded Vacuum: _____

Date: _____ Time: _____

Start Date: 10·11·19

Finish Date: 10·11·19

Start Time: _____

Finish Time: 1535 IA -7.06

Initial Vacuum: _____

Ending Vacuum: _____ Dup -8.34

Std: Reg 01284 Can 2191 -30.15 SSV06 -9.11

IA time 0855 Reg 01364 Can 1846 -30.01

Dup Reg 0284 Can 2450 -30.38

Sampling Information:

Sample Type: _____

Sample Ship Date: _____

Sampled by: _____

No. of Containers: 1

Sample Analyses: TO-15

Comments:

Helium ~~0ppm~~ 3.4%

Dup here

SSV = black

CHA

SUMMA Canister Sampling Log

Sample Designation: SSV04 / IA004

Project Name: Clinton Street Properties

Logged By: S. Miller/K. Ehmann

Project Location: South Clinton St., Syracuse, NY

Date: 10 · 11 · 19

Project Number: 59294

SUMMA Canister Information:

Sample ID: _____

Sample Location: _____

SUMMA Canister Serial No. : 233 115

Regulator Calibration Period: _____

Regulator Serial No. : 01247 0727

Regulator Calibrated By: _____

Laboratory Recorded Vacuum: -29.1 -29.3

Date: 10/3/19 Time: _____

Start Date: 10·11·19

Finish Date: 10·11·19

Start Time: 7058

Finish Time: 1513

Initial Vacuum: -30.06 -30.22

Ending Vacuum: -4.84 -2.43

Sampling Information:

Sample Type: _____

Sample Ship Date: _____

Sampled by: _____

No. of Containers: _____

Sample Analyses: _____

Comments:

Helium test → 375ppm

CHA

SUMMA Canister Sampling Log

Sample Designation: SSV005 / IA005

Black = SSV

Project Name: Clinton Street Properties	Logged By: S. Miller/K. Ehmann
Project Location: South Clinton St., Syracuse, NY	Date: 10·11·19
Project Number: 59294	

SUMMA Canister Information:

Sample ID: _____

Sample Location: _____

SUMMA Canister Serial No. : 2878 01205

Regulator Calibration Period: _____

Regulator Serial No. : 0340 3029

Regulator Calibrated By: _____

Laboratory Recorded Vacuum: -29.4 -29.4

Date: 10/3/19 Time: _____

Start Date: 10/11/19

Finish Date: 10·11·19

Start Time: 0704

Finish Time: 1510

Initial Vacuum: -29.72 -30.43

Ending Vacuum: -4.37 -4.89

Sampling Information:

Sample Type: _____

Sample Ship Date: _____

Sampled by: _____

No. of Containers: _____

Sample Analyses: _____

Comments:

Helium test → 500 ppm

Attachment C

Laboratory Reports

ANALYTICAL REPORT

Lab Number:	L1947917
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	L. Cassalia
Phone:	(315) 257-7154
Project Name:	JMA WIRELESS
Project Number:	59294
Report Date:	10/18/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1947917-01	SOIL-SB03	SOIL	SYRACUSE, NY	10/10/19 11:30	10/11/19
L1947917-02	SOIL-SB04	SOIL	SYRACUSE, NY	10/10/19 12:25	10/11/19
L1947917-03	SOIL-SB05	SOIL	SYRACUSE, NY	10/10/19 13:55	10/11/19
L1947917-04	SOIL-SB06	SOIL	SYRACUSE, NY	10/11/19 13:15	10/11/19
L1947917-05	SOIL-SB07	SOIL	SYRACUSE, NY	10/10/19 09:00	10/11/19
L1947917-06	SOIL-SB08	SOIL	SYRACUSE, NY	10/10/19 09:30	10/11/19
L1947917-07	SOIL-SB09	SOIL	SYRACUSE, NY	10/10/19 17:00	10/11/19
L1947917-08	SOIL-SB10	SOIL	SYRACUSE, NY	10/10/19 16:30	10/11/19
L1947917-09	SOIL-SB12	SOIL	SYRACUSE, NY	10/11/19 14:40	10/11/19
L1947917-10	SOIL-SB14	SOIL	SYRACUSE, NY	10/10/19 15:50	10/11/19
L1947917-11	SOIL-SB15	SOIL	SYRACUSE, NY	10/10/19 15:00	10/11/19
L1947917-12	SOIL-SB16	SOIL	SYRACUSE, NY	10/10/19 14:35	10/11/19
L1947917-13	SOIL-SB17	SOIL	SYRACUSE, NY	10/11/19 08:45	10/11/19
L1947917-14	SOIL-SB18	SOIL	SYRACUSE, NY	10/11/19 11:15	10/11/19
L1947917-15	SOIL-SB19	SOIL	SYRACUSE, NY	10/11/19 10:40	10/11/19
L1947917-16	SOIL-SB20	SOIL	SYRACUSE, NY	10/11/19 09:15	10/11/19
L1947917-17	SOIL-SB21	SOIL	SYRACUSE, NY	10/11/19 11:45	10/11/19
L1947917-18	SOIL-SB22	SOIL	SYRACUSE, NY	10/11/19 10:05	10/11/19
L1947917-19	SOIL-SB26	SOIL	SYRACUSE, NY	10/10/19 10:20	10/11/19
L1947917-20	SOIL-CHA-DUP001	SOIL	SYRACUSE, NY	10/11/19 14:00	10/11/19

Project Name:	JMA WIRELESS	**Lab Number:**	L1947917
Project Number:	59294	**Report Date:**	10/18/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: JMA WIRELESS **Lab Number:** L1947917
Project Number: 59294 **Report Date:** 10/18/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L1947917-05, -08, -11, -15 and -18: The analysis of Volatile Organics by EPA Method 5035/8260 Low Level could not be performed due to the elevated concentrations of non-target compounds in the sample.
L1947917-20: Differences were noted between the acetone results. Due to acetone being a compound of concern, the results of both analyses are reported.

Total Metals

The WG1296602-3 MS recoveries, performed on L1947917-01, are outside the acceptance criteria for arsenic (0%) and chromium (61%). A post digestion spike was performed and was within acceptance criteria.
The WG1296602-3 MS recovery for lead (878%), performed on L1947917-01, does not apply because the sample concentration is greater than four times the spike amount added.
The WG1296514-3 MS recovery for mercury (1100%), performed on L1947917-01, does not apply because the sample concentration is greater than four times the spike amount added.
The WG1296602-4 Laboratory Duplicate RPDs for arsenic (31%), selenium (38%) and silver (70%), performed on L1947917-01, is outside the acceptance criteria. The elevated RPD has been attributed to the non-homogeneous nature of the native sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 10/18/19

ORGANICS

VOLATILES

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-01
Client ID: SOIL-SB03
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 11:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/16/19 17:27
Analyst: PK
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	0.21	J	ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	0.75		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	0.21	J	ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	0.19	J	ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-01 Date Collected: 10/10/19 11:30

Client ID: SOIL-SB03 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	200		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	45		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	94	41.	1
Freon-113	ND		ug/kg	4.7	0.82	1
Methyl cyclohexane	1.0	J	ug/kg	4.7	0.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	92		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-02
Client ID: SOIL-SB04
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 12:25
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/16/19 18:06
Analyst: PK
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	0.22	J	ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.14	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	2.1		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.6	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.19	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.6	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.63	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.6	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-02 Date Collected: 10/10/19 12:25

Client ID: SOIL-SB04 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.23	1
p/m-Xylene	ND		ug/kg	2.3	0.65	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	86		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	16		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.32	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.37	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
Methyl Acetate	ND		ug/kg	4.6	1.1	1
Cyclohexane	ND		ug/kg	12	0.63	1
1,4-Dioxane	ND		ug/kg	93	41.	1
Freon-113	ND		ug/kg	4.6	0.81	1
Methyl cyclohexane	ND		ug/kg	4.6	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	92		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-03
Client ID: SOIL-SB05
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 13:55
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/16/19 18:45
Analyst: PK
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	0.17	J	ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-03 Date Collected: 10/10/19 13:55

Client ID: SOIL-SB05 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	6.4	J	ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.6	0.86	1
Cyclohexane	ND		ug/kg	9.1	0.49	1
1,4-Dioxane	ND		ug/kg	73	32.	1
Freon-113	ND		ug/kg	3.6	0.63	1
Methyl cyclohexane	ND		ug/kg	3.6	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	93		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-04
Client ID: SOIL-SB06
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 13:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/16/19 19:24
Analyst: PK
Percent Solids: 57%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	0.20	J	ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	0.23	J	ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	1.6		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	1.2	J	ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-04 Date Collected: 10/11/19 13:15

Client ID: SOIL-SB06 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	63		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	21		ug/kg	12	5.9	1
Carbon disulfide	6.0	J	ug/kg	12	5.6	1
2-Butanone	ND		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	98	43.	1
Freon-113	ND		ug/kg	4.9	0.85	1
Methyl cyclohexane	ND		ug/kg	4.9	0.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	93		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-05
Client ID: SOIL-SB07
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 09:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 12:50
Analyst: AD
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	290	140	1
1,1-Dichloroethane	ND		ug/kg	59	8.6	1
Chloroform	ND		ug/kg	88	8.2	1
Carbon tetrachloride	ND		ug/kg	59	14.	1
1,2-Dichloropropane	ND		ug/kg	59	7.4	1
Dibromochloromethane	ND		ug/kg	59	8.2	1
1,1,2-Trichloroethane	ND		ug/kg	59	16.	1
Tetrachloroethene	ND		ug/kg	29	12.	1
Chlorobenzene	ND		ug/kg	29	7.5	1
Trichlorofluoromethane	ND		ug/kg	240	41.	1
1,2-Dichloroethane	ND		ug/kg	59	15.	1
1,1,1-Trichloroethane	ND		ug/kg	29	9.8	1
Bromodichloromethane	ND		ug/kg	29	6.4	1
trans-1,3-Dichloropropene	ND		ug/kg	59	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	29	9.3	1
Bromoform	ND		ug/kg	240	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	9.8	1
Benzene	200		ug/kg	29	9.8	1
Toluene	68		ug/kg	59	32.	1
Ethylbenzene	27	J	ug/kg	59	8.3	1
Chloromethane	ND		ug/kg	240	55.	1
Bromomethane	34	J	ug/kg	120	34.	1
Vinyl chloride	ND		ug/kg	59	20.	1
Chloroethane	ND		ug/kg	120	27.	1
1,1-Dichloroethene	ND		ug/kg	59	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	88	8.1	1
Trichloroethene	ND		ug/kg	29	8.1	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.5	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-05 Date Collected: 10/10/19 09:00

Client ID: SOIL-SB07 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	120	8.7	1
1,4-Dichlorobenzene	ND		ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	170		ug/kg	120	33.	1
o-Xylene	120		ug/kg	59	17.	1
cis-1,2-Dichloroethene	ND		ug/kg	59	10.	1
Styrene	ND		ug/kg	59	12.	1
Dichlorodifluoromethane	ND		ug/kg	590	54.	1
Acetone	ND		ug/kg	590	280	1
Carbon disulfide	ND		ug/kg	590	270	1
2-Butanone	ND		ug/kg	590	130	1
4-Methyl-2-pentanone	ND		ug/kg	590	75.	1
2-Hexanone	ND		ug/kg	590	70.	1
Bromochloromethane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	59	16.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	59.	1
Isopropylbenzene	25	J	ug/kg	59	6.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
Methyl Acetate	83	J	ug/kg	240	56.	1
Cyclohexane	ND		ug/kg	590	32.	1
1,4-Dioxane	ND		ug/kg	4700	2100	1
Freon-113	ND		ug/kg	240	41.	1
Methyl cyclohexane	ND		ug/kg	240	36.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	89		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-06
Client ID: SOIL-SB08
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 09:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/16/19 20:03
Analyst: PK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.89	0.13	1
Chloroform	0.23	J	ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.89	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.89	0.11	1
Dibromochloromethane	ND		ug/kg	0.89	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.89	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.89	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.89	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.89	0.48	1
Ethylbenzene	ND		ug/kg	0.89	0.12	1
Chloromethane	ND		ug/kg	3.6	0.83	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.89	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.89	0.21	1
trans-1,2-Dichloroethene	0.14	J	ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-06 Date Collected: 10/10/19 09:30

Client ID: SOIL-SB08 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.89	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.89	0.16	1
Styrene	ND		ug/kg	0.89	0.18	1
Dichlorodifluoromethane	ND		ug/kg	8.9	0.82	1
Acetone	44		ug/kg	8.9	4.3	1
Carbon disulfide	ND		ug/kg	8.9	4.1	1
2-Butanone	4.1	J	ug/kg	8.9	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	8.9	1.1	1
2-Hexanone	ND		ug/kg	8.9	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.89	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.89	1
Isopropylbenzene	ND		ug/kg	0.89	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
Methyl Acetate	ND		ug/kg	3.6	0.85	1
Cyclohexane	ND		ug/kg	8.9	0.48	1
1,4-Dioxane	ND		ug/kg	71	31.	1
Freon-113	ND		ug/kg	3.6	0.62	1
Methyl cyclohexane	ND		ug/kg	3.6	0.54	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	94		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-07
Client ID: SOIL-SB09
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 17:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/16/19 20:42
Analyst: PK
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.95	0.51	1
Ethylbenzene	0.40	J	ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-07 Date Collected: 10/10/19 17:00

Client ID: SOIL-SB09 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	1.4	J	ug/kg	1.9	0.53	1
o-Xylene	0.44	J	ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.16	1
Styrene	ND		ug/kg	0.95	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.86	1
Acetone	47		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	8.6	J	ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	3.1	J	ug/kg	3.8	0.90	1
Cyclohexane	ND		ug/kg	9.5	0.51	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	0.99	J	ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	93		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-08
Client ID: SOIL-SB10
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 16:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 13:14
Analyst: AD
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	280	130	1
1,1-Dichloroethane	ND		ug/kg	55	8.0	1
Chloroform	ND		ug/kg	83	7.8	1
Carbon tetrachloride	ND		ug/kg	55	13.	1
1,2-Dichloropropane	ND		ug/kg	55	6.9	1
Dibromochloromethane	ND		ug/kg	55	7.8	1
1,1,2-Trichloroethane	ND		ug/kg	55	15.	1
Tetrachloroethene	ND		ug/kg	28	11.	1
Chlorobenzene	ND		ug/kg	28	7.0	1
Trichlorofluoromethane	ND		ug/kg	220	38.	1
1,2-Dichloroethane	ND		ug/kg	55	14.	1
1,1,1-Trichloroethane	ND		ug/kg	28	9.3	1
Bromodichloromethane	ND		ug/kg	28	6.0	1
trans-1,3-Dichloropropene	ND		ug/kg	55	15.	1
cis-1,3-Dichloropropene	ND		ug/kg	28	8.8	1
Bromoform	ND		ug/kg	220	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	28	9.2	1
Benzene	ND		ug/kg	28	9.2	1
Toluene	ND		ug/kg	55	30.	1
Ethylbenzene	ND		ug/kg	55	7.8	1
Chloromethane	ND		ug/kg	220	52.	1
Bromomethane	ND		ug/kg	110	32.	1
Vinyl chloride	ND		ug/kg	55	18.	1
Chloroethane	ND		ug/kg	110	25.	1
1,1-Dichloroethene	ND		ug/kg	55	13.	1
trans-1,2-Dichloroethene	ND		ug/kg	83	7.6	1
Trichloroethene	ND		ug/kg	28	7.6	1
1,2-Dichlorobenzene	ND		ug/kg	110	8.0	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-08 Date Collected: 10/10/19 16:30

Client ID: SOIL-SB10 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	110	8.2	1
1,4-Dichlorobenzene	ND		ug/kg	110	9.5	1
Methyl tert butyl ether	ND		ug/kg	110	11.	1
p/m-Xylene	ND		ug/kg	110	31.	1
o-Xylene	ND		ug/kg	55	16.	1
cis-1,2-Dichloroethene	ND		ug/kg	55	9.7	1
Styrene	ND		ug/kg	55	11.	1
Dichlorodifluoromethane	ND		ug/kg	550	51.	1
Acetone	ND		ug/kg	550	270	1
Carbon disulfide	ND		ug/kg	550	250	1
2-Butanone	ND		ug/kg	550	120	1
4-Methyl-2-pentanone	ND		ug/kg	550	71.	1
2-Hexanone	ND		ug/kg	550	65.	1
Bromochloromethane	ND		ug/kg	110	11.	1
1,2-Dibromoethane	ND		ug/kg	55	15.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	170	55.	1
Isopropylbenzene	190		ug/kg	55	6.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	110	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	110	15.	1
Methyl Acetate	86	J	ug/kg	220	53.	1
Cyclohexane	61	J	ug/kg	550	30.	1
1,4-Dioxane	ND		ug/kg	4400	1900	1
Freon-113	ND		ug/kg	220	38.	1
Methyl cyclohexane	360		ug/kg	220	33.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	91		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-09
Client ID: SOIL-SB12
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 14:40
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/16/19 21:22
Analyst: MV
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	0.17	J	ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.24	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.15	1
Benzene	ND		ug/kg	0.44	0.15	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	0.19	J	ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-09 Date Collected: 10/11/19 14:40

Client ID: SOIL-SB12 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.49	1
o-Xylene	ND		ug/kg	0.88	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.81	1
Acetone	25		ug/kg	8.8	4.2	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	3.1	J	ug/kg	8.8	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.88	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
Methyl Acetate	ND		ug/kg	3.5	0.84	1
Cyclohexane	ND		ug/kg	8.8	0.48	1
1,4-Dioxane	ND		ug/kg	70	31.	1
Freon-113	ND		ug/kg	3.5	0.61	1
Methyl cyclohexane	ND		ug/kg	3.5	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	93		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-10
Client ID: SOIL-SB14
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 15:50
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/16/19 22:01
Analyst: MV
Percent Solids: 47%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	15	6.9	1
1,1-Dichloroethane	ND		ug/kg	3.0	0.44	1
Chloroform	0.59	J	ug/kg	4.5	0.42	1
Carbon tetrachloride	ND		ug/kg	3.0	0.69	1
1,2-Dichloropropane	ND		ug/kg	3.0	0.38	1
Dibromochloromethane	ND		ug/kg	3.0	0.42	1
1,1,2-Trichloroethane	ND		ug/kg	3.0	0.80	1
Tetrachloroethene	ND		ug/kg	1.5	0.59	1
Chlorobenzene	ND		ug/kg	1.5	0.38	1
Trichlorofluoromethane	ND		ug/kg	12	2.1	1
1,2-Dichloroethane	ND		ug/kg	3.0	0.77	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.50	1
Bromodichloromethane	ND		ug/kg	1.5	0.33	1
trans-1,3-Dichloropropene	ND		ug/kg	3.0	0.82	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.48	1
Bromoform	ND		ug/kg	12	0.74	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.50	1
Benzene	11		ug/kg	1.5	0.50	1
Toluene	ND		ug/kg	3.0	1.6	1
Ethylbenzene	ND		ug/kg	3.0	0.42	1
Chloromethane	ND		ug/kg	12	2.8	1
Bromomethane	ND		ug/kg	6.0	1.7	1
Vinyl chloride	ND		ug/kg	3.0	1.0	1
Chloroethane	ND		ug/kg	6.0	1.4	1
1,1-Dichloroethene	ND		ug/kg	3.0	0.72	1
trans-1,2-Dichloroethene	2.7	J	ug/kg	4.5	0.41	1
Trichloroethene	ND		ug/kg	1.5	0.41	1
1,2-Dichlorobenzene	ND		ug/kg	6.0	0.43	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-10 Date Collected: 10/10/19 15:50

Client ID: SOIL-SB14 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	6.0	0.44	1
1,4-Dichlorobenzene	ND		ug/kg	6.0	0.52	1
Methyl tert butyl ether	ND		ug/kg	6.0	0.60	1
p/m-Xylene	ND		ug/kg	6.0	1.7	1
o-Xylene	ND		ug/kg	3.0	0.88	1
cis-1,2-Dichloroethene	ND		ug/kg	3.0	0.53	1
Styrene	ND		ug/kg	3.0	0.59	1
Dichlorodifluoromethane	ND		ug/kg	30	2.8	1
Acetone	96		ug/kg	30	14.	1
Carbon disulfide	120		ug/kg	30	14.	1
2-Butanone	12	J	ug/kg	30	6.7	1
4-Methyl-2-pentanone	ND		ug/kg	30	3.8	1
2-Hexanone	ND		ug/kg	30	3.6	1
Bromochloromethane	ND		ug/kg	6.0	0.62	1
1,2-Dibromoethane	ND		ug/kg	3.0	0.84	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	9.0	3.0	1
Isopropylbenzene	ND		ug/kg	3.0	0.33	1
1,2,3-Trichlorobenzene	ND		ug/kg	6.0	0.97	1
1,2,4-Trichlorobenzene	ND		ug/kg	6.0	0.82	1
Methyl Acetate	4.3	J	ug/kg	12	2.9	1
Cyclohexane	33		ug/kg	30	1.6	1
1,4-Dioxane	ND		ug/kg	240	100	1
Freon-113	ND		ug/kg	12	2.1	1
Methyl cyclohexane	ND		ug/kg	12	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	123		70-130
Dibromofluoromethane	92		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-11
Client ID: SOIL-SB15
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 15:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 13:38
Analyst: AD
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	470	210	1
1,1-Dichloroethane	ND		ug/kg	94	14.	1
Chloroform	ND		ug/kg	140	13.	1
Carbon tetrachloride	ND		ug/kg	94	22.	1
1,2-Dichloropropane	ND		ug/kg	94	12.	1
Dibromochloromethane	ND		ug/kg	94	13.	1
1,1,2-Trichloroethane	ND		ug/kg	94	25.	1
Tetrachloroethene	ND		ug/kg	47	18.	1
Chlorobenzene	ND		ug/kg	47	12.	1
Trichlorofluoromethane	ND		ug/kg	370	65.	1
1,2-Dichloroethane	ND		ug/kg	94	24.	1
1,1,1-Trichloroethane	ND		ug/kg	47	16.	1
Bromodichloromethane	ND		ug/kg	47	10.	1
trans-1,3-Dichloropropene	ND		ug/kg	94	26.	1
cis-1,3-Dichloropropene	ND		ug/kg	47	15.	1
Bromoform	ND		ug/kg	370	23.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	47	16.	1
Benzene	20	J	ug/kg	47	16.	1
Toluene	ND		ug/kg	94	51.	1
Ethylbenzene	30	J	ug/kg	94	13.	1
Chloromethane	ND		ug/kg	370	87.	1
Bromomethane	ND		ug/kg	190	54.	1
Vinyl chloride	ND		ug/kg	94	31.	1
Chloroethane	ND		ug/kg	190	42.	1
1,1-Dichloroethene	ND		ug/kg	94	22.	1
trans-1,2-Dichloroethene	ND		ug/kg	140	13.	1
Trichloroethene	ND		ug/kg	47	13.	1
1,2-Dichlorobenzene	ND		ug/kg	190	13.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-11 Date Collected: 10/10/19 15:00

Client ID: SOIL-SB15 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	190	14.	1
1,4-Dichlorobenzene	ND		ug/kg	190	16.	1
Methyl tert butyl ether	ND		ug/kg	190	19.	1
p/m-Xylene	ND		ug/kg	190	52.	1
o-Xylene	ND		ug/kg	94	27.	1
cis-1,2-Dichloroethene	ND		ug/kg	94	16.	1
Styrene	ND		ug/kg	94	18.	1
Dichlorodifluoromethane	ND		ug/kg	940	86.	1
Acetone	ND		ug/kg	940	450	1
Carbon disulfide	ND		ug/kg	940	430	1
2-Butanone	480	J	ug/kg	940	210	1
4-Methyl-2-pentanone	ND		ug/kg	940	120	1
2-Hexanone	ND		ug/kg	940	110	1
Bromochloromethane	ND		ug/kg	190	19.	1
1,2-Dibromoethane	ND		ug/kg	94	26.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	280	94.	1
Isopropylbenzene	ND		ug/kg	94	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	190	30.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	25.	1
Methyl Acetate	180	J	ug/kg	370	89.	1
Cyclohexane	150	J	ug/kg	940	51.	1
1,4-Dioxane	ND		ug/kg	7500	3300	1
Freon-113	ND		ug/kg	370	65.	1
Methyl cyclohexane	ND		ug/kg	370	56.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	91		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-12 D
Client ID: SOIL-SB16
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 14:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 12:01
Analyst: JC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	610	280	2
1,1-Dichloroethane	ND		ug/kg	120	18.	2
Chloroform	ND		ug/kg	180	17.	2
Carbon tetrachloride	ND		ug/kg	120	28.	2
1,2-Dichloropropane	ND		ug/kg	120	15.	2
Dibromochloromethane	ND		ug/kg	120	17.	2
1,1,2-Trichloroethane	ND		ug/kg	120	33.	2
Tetrachloroethene	ND		ug/kg	61	24.	2
Chlorobenzene	ND		ug/kg	61	16.	2
Trichlorofluoromethane	ND		ug/kg	490	85.	2
1,2-Dichloroethane	ND		ug/kg	120	31.	2
1,1,1-Trichloroethane	ND		ug/kg	61	20.	2
Bromodichloromethane	ND		ug/kg	61	13.	2
trans-1,3-Dichloropropene	ND		ug/kg	120	33.	2
cis-1,3-Dichloropropene	ND		ug/kg	61	19.	2
Bromoform	ND		ug/kg	490	30.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	61	20.	2
Benzene	26	J	ug/kg	61	20.	2
Toluene	ND		ug/kg	120	66.	2
Ethylbenzene	55	J	ug/kg	120	17.	2
Chloromethane	ND		ug/kg	490	110	2
Bromomethane	ND		ug/kg	240	71.	2
Vinyl chloride	ND		ug/kg	120	41.	2
Chloroethane	ND		ug/kg	240	55.	2
1,1-Dichloroethene	ND		ug/kg	120	29.	2
trans-1,2-Dichloroethene	ND		ug/kg	180	17.	2
Trichloroethene	ND		ug/kg	61	17.	2
1,2-Dichlorobenzene	ND		ug/kg	240	18.	2

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-12 D Date Collected: 10/10/19 14:35

Client ID: SOIL-SB16 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	240	18.	2
1,4-Dichlorobenzene	ND		ug/kg	240	21.	2
Methyl tert butyl ether	ND		ug/kg	240	24.	2
p/m-Xylene	ND		ug/kg	240	68.	2
o-Xylene	ND		ug/kg	120	36.	2
cis-1,2-Dichloroethene	ND		ug/kg	120	21.	2
Styrene	ND		ug/kg	120	24.	2
Dichlorodifluoromethane	ND		ug/kg	1200	110	2
Acetone	ND		ug/kg	1200	590	2
Carbon disulfide	ND		ug/kg	1200	560	2
2-Butanone	ND		ug/kg	1200	270	2
4-Methyl-2-pentanone	ND		ug/kg	1200	160	2
2-Hexanone	ND		ug/kg	1200	140	2
Bromochloromethane	ND		ug/kg	240	25.	2
1,2-Dibromoethane	ND		ug/kg	120	34.	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	370	120	2
Isopropylbenzene	2000		ug/kg	120	13.	2
1,2,3-Trichlorobenzene	ND		ug/kg	240	39.	2
1,2,4-Trichlorobenzene	ND		ug/kg	240	33.	2
Methyl Acetate	ND		ug/kg	490	120	2
Cyclohexane	6400		ug/kg	1200	66.	2
1,4-Dioxane	ND		ug/kg	9800	4300	2
Freon-113	ND		ug/kg	490	85.	2
Methyl cyclohexane	23000		ug/kg	490	74.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	115		70-130
4-Bromofluorobenzene	128		70-130
Dibromofluoromethane	96		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-13
Client ID: SOIL-SB17
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 08:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/16/19 22:40
Analyst: MV
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	0.17	J	ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.24	1
Tetrachloroethene	ND		ug/kg	0.44	0.17	1
Chlorobenzene	19		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.15	1
Benzene	ND		ug/kg	0.44	0.15	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	ND		ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.30	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	0.40	J	ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-13 Date Collected: 10/11/19 08:45

Client ID: SOIL-SB17 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	0.17	J	ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.49	1
o-Xylene	ND		ug/kg	0.88	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.81	1
Acetone	15		ug/kg	8.8	4.2	1
Carbon disulfide	9.4		ug/kg	8.8	4.0	1
2-Butanone	2.0	J	ug/kg	8.8	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.88	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
Methyl Acetate	1.4	J	ug/kg	3.5	0.84	1
Cyclohexane	ND		ug/kg	8.8	0.48	1
1,4-Dioxane	ND		ug/kg	71	31.	1
Freon-113	ND		ug/kg	3.5	0.61	1
Methyl cyclohexane	ND		ug/kg	3.5	0.53	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	93		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-14
Client ID: SOIL-SB18
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 11:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 10:00
Analyst: JC
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.6	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.35	1
Tetrachloroethene	ND		ug/kg	0.66	0.26	1
Chlorobenzene	ND		ug/kg	0.66	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.3	0.92	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.66	0.22	1
Bromodichloromethane	ND		ug/kg	0.66	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.66	0.21	1
Bromoform	ND		ug/kg	5.3	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.66	0.22	1
Benzene	ND		ug/kg	0.66	0.22	1
Toluene	ND		ug/kg	1.3	0.72	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.3	1.2	1
Bromomethane	ND		ug/kg	2.6	0.77	1
Vinyl chloride	ND		ug/kg	1.3	0.44	1
Chloroethane	ND		ug/kg	2.6	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	0.26	J	ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.66	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.19	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-14 Date Collected: 10/11/19 11:15

Client ID: SOIL-SB18 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.27	1
p/m-Xylene	ND		ug/kg	2.6	0.74	1
o-Xylene	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	51		ug/kg	13	6.4	1
Carbon disulfide	14		ug/kg	13	6.0	1
2-Butanone	7.2	J	ug/kg	13	2.9	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.6	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.36	1
Methyl Acetate	2.7	J	ug/kg	5.3	1.3	1
Cyclohexane	ND		ug/kg	13	0.72	1
1,4-Dioxane	ND		ug/kg	110	47.	1
Freon-113	ND		ug/kg	5.3	0.92	1
Methyl cyclohexane	ND		ug/kg	5.3	0.80	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	87		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	94		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-15 D
Client ID: SOIL-SB19
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:40
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 12:25
Analyst: AD
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	410	190	2
1,1-Dichloroethane	ND		ug/kg	82	12.	2
Chloroform	ND		ug/kg	120	12.	2
Carbon tetrachloride	ND		ug/kg	82	19.	2
1,2-Dichloropropane	ND		ug/kg	82	10.	2
Dibromochloromethane	ND		ug/kg	82	12.	2
1,1,2-Trichloroethane	ND		ug/kg	82	22.	2
Tetrachloroethene	ND		ug/kg	41	16.	2
Chlorobenzene	ND		ug/kg	41	10.	2
Trichlorofluoromethane	ND		ug/kg	330	57.	2
1,2-Dichloroethane	ND		ug/kg	82	21.	2
1,1,1-Trichloroethane	ND		ug/kg	41	14.	2
Bromodichloromethane	ND		ug/kg	41	9.0	2
trans-1,3-Dichloropropene	ND		ug/kg	82	22.	2
cis-1,3-Dichloropropene	ND		ug/kg	41	13.	2
Bromoform	ND		ug/kg	330	20.	2
1,1,2,2-Tetrachloroethane	ND		ug/kg	41	14.	2
Benzene	ND		ug/kg	41	14.	2
Toluene	ND		ug/kg	82	45.	2
Ethylbenzene	ND		ug/kg	82	12.	2
Chloromethane	ND		ug/kg	330	77.	2
Bromomethane	ND		ug/kg	160	48.	2
Vinyl chloride	ND		ug/kg	82	28.	2
Chloroethane	ND		ug/kg	160	37.	2
1,1-Dichloroethene	ND		ug/kg	82	20.	2
trans-1,2-Dichloroethene	ND		ug/kg	120	11.	2
Trichloroethene	ND		ug/kg	41	11.	2
1,2-Dichlorobenzene	ND		ug/kg	160	12.	2

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-15 D Date Collected: 10/11/19 10:40

Client ID: SOIL-SB19 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	160	12.	2
1,4-Dichlorobenzene	ND		ug/kg	160	14.	2
Methyl tert butyl ether	ND		ug/kg	160	16.	2
p/m-Xylene	ND		ug/kg	160	46.	2
o-Xylene	ND		ug/kg	82	24.	2
cis-1,2-Dichloroethene	ND		ug/kg	82	14.	2
Styrene	ND		ug/kg	82	16.	2
Dichlorodifluoromethane	ND		ug/kg	820	75.	2
Acetone	ND		ug/kg	820	400	2
Carbon disulfide	ND		ug/kg	820	370	2
2-Butanone	ND		ug/kg	820	180	2
4-Methyl-2-pentanone	ND		ug/kg	820	100	2
2-Hexanone	ND		ug/kg	820	97.	2
Bromochloromethane	ND		ug/kg	160	17.	2
1,2-Dibromoethane	ND		ug/kg	82	23.	2
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	82.	2
Isopropylbenzene	220		ug/kg	82	9.0	2
1,2,3-Trichlorobenzene	ND		ug/kg	160	26.	2
1,2,4-Trichlorobenzene	ND		ug/kg	160	22.	2
Methyl Acetate	ND		ug/kg	330	78.	2
Cyclohexane	270	J	ug/kg	820	45.	2
1,4-Dioxane	ND		ug/kg	6600	2900	2
Freon-113	ND		ug/kg	330	57.	2
Methyl cyclohexane	1500		ug/kg	330	50.	2

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	128		70-130
Dibromofluoromethane	89		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-16
Client ID: SOIL-SB20
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 10:24
Analyst: JC
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.2	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.9	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.29	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.16	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.62	0.24	1
Chlorobenzene	ND		ug/kg	0.62	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.0	0.86	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.62	0.21	1
Bromodichloromethane	ND		ug/kg	0.62	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.62	0.20	1
Bromoform	ND		ug/kg	5.0	0.31	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.62	0.21	1
Benzene	ND		ug/kg	0.62	0.21	1
Toluene	ND		ug/kg	1.2	0.68	1
Ethylbenzene	ND		ug/kg	1.2	0.18	1
Chloromethane	ND		ug/kg	5.0	1.2	1
Bromomethane	ND		ug/kg	2.5	0.72	1
Vinyl chloride	ND		ug/kg	1.2	0.42	1
Chloroethane	ND		ug/kg	2.5	0.56	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.30	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.17	1
Trichloroethene	ND		ug/kg	0.62	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.5	0.18	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-16 Date Collected: 10/11/19 09:15

Client ID: SOIL-SB20 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.5	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.5	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.5	0.25	1
p/m-Xylene	ND		ug/kg	2.5	0.70	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.22	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	240		ug/kg	12	6.0	1
Carbon disulfide	ND		ug/kg	12	5.7	1
2-Butanone	37		ug/kg	12	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.5	1
Bromochloromethane	ND		ug/kg	2.5	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.35	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.5	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.5	0.34	1
Methyl Acetate	ND		ug/kg	5.0	1.2	1
Cyclohexane	ND		ug/kg	12	0.68	1
1,4-Dioxane	ND		ug/kg	100	44.	1
Freon-113	ND		ug/kg	5.0	0.86	1
Methyl cyclohexane	ND		ug/kg	5.0	0.75	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	121		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	96		70-130

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-17
Client ID: SOIL-SB21
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 11:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 10:48
Analyst: JC
Percent Solids: 55%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.1	4.2	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.26	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.26	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.49	1
Tetrachloroethene	ND		ug/kg	0.91	0.36	1
Chlorobenzene	ND		ug/kg	0.91	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.3	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	ND		ug/kg	0.91	0.30	1
Bromodichloromethane	ND		ug/kg	0.91	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.91	0.29	1
Bromoform	ND		ug/kg	7.3	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.91	0.30	1
Benzene	ND		ug/kg	0.91	0.30	1
Toluene	ND		ug/kg	1.8	0.99	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.3	1.7	1
Bromomethane	ND		ug/kg	3.6	1.1	1
Vinyl chloride	ND		ug/kg	1.8	0.61	1
Chloroethane	ND		ug/kg	3.6	0.83	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.44	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.25	1
Trichloroethene	ND		ug/kg	0.91	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-17 Date Collected: 10/11/19 11:45

Client ID: SOIL-SB21 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.31	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.37	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.53	1
cis-1,2-Dichloroethene	0.78	J	ug/kg	1.8	0.32	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	100		ug/kg	18	8.8	1
Carbon disulfide	12	J	ug/kg	18	8.3	1
2-Butanone	10	J	ug/kg	18	4.0	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
2-Hexanone	ND		ug/kg	18	2.2	1
Bromochloromethane	ND		ug/kg	3.6	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.5	1.8	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.59	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.50	1
Methyl Acetate	ND		ug/kg	7.3	1.7	1
Cyclohexane	ND		ug/kg	18	0.99	1
1,4-Dioxane	ND		ug/kg	150	64.	1
Freon-113	ND		ug/kg	7.3	1.3	1
Methyl cyclohexane	ND		ug/kg	7.3	1.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	96		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-18
Client ID: SOIL-SB22
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:05
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 14:02
Analyst: AD
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	250	110	1
1,1-Dichloroethane	ND		ug/kg	50	7.2	1
Chloroform	ND		ug/kg	75	7.0	1
Carbon tetrachloride	ND		ug/kg	50	11.	1
1,2-Dichloropropane	ND		ug/kg	50	6.2	1
Dibromochloromethane	ND		ug/kg	50	7.0	1
1,1,2-Trichloroethane	ND		ug/kg	50	13.	1
Tetrachloroethene	ND		ug/kg	25	9.8	1
Chlorobenzene	ND		ug/kg	25	6.3	1
Trichlorofluoromethane	ND		ug/kg	200	35.	1
1,2-Dichloroethane	ND		ug/kg	50	13.	1
1,1,1-Trichloroethane	ND		ug/kg	25	8.3	1
Bromodichloromethane	ND		ug/kg	25	5.4	1
trans-1,3-Dichloropropene	ND		ug/kg	50	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9	1
Bromoform	ND		ug/kg	200	12.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3	1
Benzene	ND		ug/kg	25	8.3	1
Toluene	ND		ug/kg	50	27.	1
Ethylbenzene	ND		ug/kg	50	7.0	1
Chloromethane	ND		ug/kg	200	46.	1
Bromomethane	ND		ug/kg	100	29.	1
Vinyl chloride	ND		ug/kg	50	17.	1
Chloroethane	ND		ug/kg	100	22.	1
1,1-Dichloroethene	ND		ug/kg	50	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8	1
Trichloroethene	ND		ug/kg	25	6.8	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.2	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-18 Date Collected: 10/11/19 10:05

Client ID: SOIL-SB22 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	100	7.4	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.5	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	ND		ug/kg	100	28.	1
o-Xylene	ND		ug/kg	50	14.	1
cis-1,2-Dichloroethene	ND		ug/kg	50	8.7	1
Styrene	ND		ug/kg	50	9.8	1
Dichlorodifluoromethane	ND		ug/kg	500	46.	1
Acetone	ND		ug/kg	500	240	1
Carbon disulfide	ND		ug/kg	500	230	1
2-Butanone	ND		ug/kg	500	110	1
4-Methyl-2-pentanone	ND		ug/kg	500	64.	1
2-Hexanone	ND		ug/kg	500	59.	1
Bromochloromethane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	50	14.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.	1
Isopropylbenzene	ND		ug/kg	50	5.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
Methyl Acetate	430		ug/kg	200	47.	1
Cyclohexane	ND		ug/kg	500	27.	1
1,4-Dioxane	ND		ug/kg	4000	1800	1
Freon-113	ND		ug/kg	200	34.	1
Methyl cyclohexane	46	J	ug/kg	200	30.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	88		70-130

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-19
Client ID: SOIL-SB26
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 10:20
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 11:13
Analyst: JC
Percent Solids: 53%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.38	1
Tetrachloroethene	ND		ug/kg	0.70	0.28	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.98	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.35	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.64	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-19 Date Collected: 10/10/19 10:20

Client ID: SOIL-SB26 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.79	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.25	1
Styrene	ND		ug/kg	1.4	0.28	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	140		ug/kg	14	6.8	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	24		ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.7	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
Methyl Acetate	ND		ug/kg	5.6	1.3	1
Cyclohexane	ND		ug/kg	14	0.76	1
1,4-Dioxane	ND		ug/kg	110	49.	1
Freon-113	ND		ug/kg	5.6	0.98	1
Methyl cyclohexane	ND		ug/kg	5.6	0.85	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	112		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-20
Client ID: SOIL-CHA-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 14:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 11:37
Analyst: JC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-20 Date Collected: 10/11/19 14:00

Client ID: SOIL-CHA-DUP001 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	55		ug/kg	9.3	4.4	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	2.2	J	ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.88	1
Cyclohexane	ND		ug/kg	9.3	0.50	1
1,4-Dioxane	ND		ug/kg	74	32.	1
Freon-113	ND		ug/kg	3.7	0.64	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	108		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-20 R
Client ID: SOIL-CHA-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 14:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 10/17/19 21:01
Analyst: NLK
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-20 R Date Collected: 10/11/19 14:00

Client ID: SOIL-CHA-DUP001 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	17		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.27	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.95	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.91	1
Cyclohexane	ND		ug/kg	9.5	0.52	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.58	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	97		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/16/19 16:09
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,06-07,09-10,13 Batch: WG1297164-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	0.19	J	ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/16/19 16:09
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,06-07,09-10,13 Batch: WG1297164-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/16/19 16:09
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-04,06-07,09-10,13 Batch: WG1297164-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	90		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 07:59
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 14,16-17,19-20 Batch: WG1297484-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.80	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 07:59
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 14,16-17,19-20 Batch: WG1297484-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 07:59
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 14,16-17,19-20 Batch: WG1297484-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	90		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 07:59
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08,11-12,15,18 Batch: WG1297486-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	40	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 07:59
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08,11-12,15,18 Batch: WG1297486-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 07:59
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08,11-12,15,18 Batch: WG1297486-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	90		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 19:18
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 20 Batch: WG1297861-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 19:18
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 20 Batch: WG1297861-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 19:18
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 20 Batch: WG1297861-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,06-07,09-10,13 Batch: WG1297164-3 WG1297164-4								
Methylene chloride	95		92		70-130	3		30
1,1-Dichloroethane	107		103		70-130	4		30
Chloroform	101		98		70-130	3		30
Carbon tetrachloride	101		99		70-130	2		30
1,2-Dichloropropane	106		102		70-130	4		30
Dibromochloromethane	87		85		70-130	2		30
1,1,2-Trichloroethane	95		92		70-130	3		30
Tetrachloroethene	90		87		70-130	3		30
Chlorobenzene	92		89		70-130	3		30
Trichlorofluoromethane	106		103		70-139	3		30
1,2-Dichloroethane	101		98		70-130	3		30
1,1,1-Trichloroethane	103		99		70-130	4		30
Bromodichloromethane	96		94		70-130	2		30
trans-1,3-Dichloropropene	82		78		70-130	5		30
cis-1,3-Dichloropropene	87		82		70-130	6		30
Bromoform	82		82		70-130	0		30
1,1,2,2-Tetrachloroethane	89		88		70-130	1		30
Benzene	103		99		70-130	4		30
Toluene	98		94		70-130	4		30
Ethylbenzene	99		96		70-130	3		30
Chloromethane	114		107		52-130	6		30
Bromomethane	119		116		57-147	3		30
Vinyl chloride	113		108		67-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,06-07,09-10,13 Batch: WG1297164-3 WG1297164-4								
Chloroethane	112		108		50-151	4		30
1,1-Dichloroethene	107		104		65-135	3		30
trans-1,2-Dichloroethene	104		101		70-130	3		30
Trichloroethene	106		102		70-130	4		30
1,2-Dichlorobenzene	91		88		70-130	3		30
1,3-Dichlorobenzene	94		92		70-130	2		30
1,4-Dichlorobenzene	94		91		70-130	3		30
Methyl tert butyl ether	106		101		66-130	5		30
p/m-Xylene	98		95		70-130	3		30
o-Xylene	97		93		70-130	4		30
cis-1,2-Dichloroethene	101		98		70-130	3		30
Styrene	102		97		70-130	5		30
Dichlorodifluoromethane	118		112		30-146	5		30
Acetone	128		111		54-140	14		30
Carbon disulfide	103		100		59-130	3		30
2-Butanone	113		109		70-130	4		30
4-Methyl-2-pentanone	102		99		70-130	3		30
2-Hexanone	101		98		70-130	3		30
Bromochloromethane	97		95		70-130	2		30
1,2-Dibromoethane	92		88		70-130	4		30
1,2-Dibromo-3-chloropropane	83		83		68-130	0		30
Isopropylbenzene	98		96		70-130	2		30
1,2,3-Trichlorobenzene	91		88		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-04,06-07,09-10,13 Batch: WG1297164-3 WG1297164-4								
1,2,4-Trichlorobenzene	96		92		70-130	4		30
Methyl Acetate	123		120		51-146	2		30
Cyclohexane	117		111		59-142	5		30
1,4-Dioxane	78		75		65-136	4		30
Freon-113	108		105		50-139	3		30
Methyl cyclohexane	109		105		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		96		70-130
Toluene-d8	95		95		70-130
4-Bromofluorobenzene	101		102		70-130
Dibromofluoromethane	88		90		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 14,16-17,19-20 Batch: WG1297484-3 WG1297484-4								
Methylene chloride	85		82		70-130	4		30
1,1-Dichloroethane	99		96		70-130	3		30
Chloroform	97		95		70-130	2		30
Carbon tetrachloride	98		97		70-130	1		30
1,2-Dichloropropane	97		93		70-130	4		30
Dibromochloromethane	92		105		70-130	13		30
1,1,2-Trichloroethane	86		99		70-130	14		30
Tetrachloroethene	92		104		70-130	12		30
Chlorobenzene	106		105		70-130	1		30
Trichlorofluoromethane	83		79		70-139	5		30
1,2-Dichloroethane	94		95		70-130	1		30
1,1,1-Trichloroethane	102		98		70-130	4		30
Bromodichloromethane	96		96		70-130	0		30
trans-1,3-Dichloropropene	87		102		70-130	16		30
cis-1,3-Dichloropropene	90		91		70-130	1		30
Bromoform	95		108		70-130	13		30
1,1,2,2-Tetrachloroethane	95		112		70-130	16		30
Benzene	94		92		70-130	2		30
Toluene	105		104		70-130	1		30
Ethylbenzene	108		107		70-130	1		30
Chloromethane	82		76		52-130	8		30
Bromomethane	82		77		57-147	6		30
Vinyl chloride	71		67		67-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 14,16-17,19-20 Batch: WG1297484-3 WG1297484-4								
Chloroethane	68		66		50-151	3		30
1,1-Dichloroethene	91		88		65-135	3		30
trans-1,2-Dichloroethene	95		90		70-130	5		30
Trichloroethene	102		98		70-130	4		30
1,2-Dichlorobenzene	106		106		70-130	0		30
1,3-Dichlorobenzene	110		113		70-130	3		30
1,4-Dichlorobenzene	110		108		70-130	2		30
Methyl tert butyl ether	89		88		66-130	1		30
p/m-Xylene	109		107		70-130	2		30
o-Xylene	107		104		70-130	3		30
cis-1,2-Dichloroethene	95		91		70-130	4		30
Styrene	107		106		70-130	1		30
Dichlorodifluoromethane	58		55		30-146	5		30
Acetone	118		115		54-140	3		30
Carbon disulfide	83		81		59-130	2		30
2-Butanone	96		105		70-130	9		30
4-Methyl-2-pentanone	80		101		70-130	23		30
2-Hexanone	92		113		70-130	20		30
Bromochloromethane	92		90		70-130	2		30
1,2-Dibromoethane	86		102		70-130	17		30
1,2-Dibromo-3-chloropropane	87		101		68-130	15		30
Isopropylbenzene	115		126		70-130	9		30
1,2,3-Trichlorobenzene	100		114		70-130	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 14,16-17,19-20 Batch: WG1297484-3 WG1297484-4								
1,2,4-Trichlorobenzene	108		122		70-130	12		30
Methyl Acetate	113		115		51-146	2		30
Cyclohexane	106		103		59-142	3		30
1,4-Dioxane	85		91		65-136	7		30
Freon-113	96		92		50-139	4		30
Methyl cyclohexane	96		91		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	101		104		70-130
4-Bromofluorobenzene	101		115		70-130
Dibromofluoromethane	95		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08,11-12,15,18 Batch: WG1297486-3 WG1297486-4								
Methylene chloride	85		82		70-130	4		30
1,1-Dichloroethane	99		96		70-130	3		30
Chloroform	97		95		70-130	2		30
Carbon tetrachloride	98		97		70-130	1		30
1,2-Dichloropropane	97		93		70-130	4		30
Dibromochloromethane	92		105		70-130	13		30
1,1,2-Trichloroethane	86		99		70-130	14		30
Tetrachloroethene	92		104		70-130	12		30
Chlorobenzene	106		105		70-130	1		30
Trichlorofluoromethane	83		79		70-139	5		30
1,2-Dichloroethane	94		95		70-130	1		30
1,1,1-Trichloroethane	102		98		70-130	4		30
Bromodichloromethane	96		96		70-130	0		30
trans-1,3-Dichloropropene	87		102		70-130	16		30
cis-1,3-Dichloropropene	90		91		70-130	1		30
Bromoform	95		108		70-130	13		30
1,1,2,2-Tetrachloroethane	95		112		70-130	16		30
Benzene	94		92		70-130	2		30
Toluene	105		104		70-130	1		30
Ethylbenzene	108		107		70-130	1		30
Chloromethane	82		76		52-130	8		30
Bromomethane	82		77		57-147	6		30
Vinyl chloride	71		67		67-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08,11-12,15,18 Batch: WG1297486-3 WG1297486-4								
Chloroethane	68		66		50-151	3		30
1,1-Dichloroethene	91		88		65-135	3		30
trans-1,2-Dichloroethene	95		90		70-130	5		30
Trichloroethene	102		98		70-130	4		30
1,2-Dichlorobenzene	106		106		70-130	0		30
1,3-Dichlorobenzene	110		113		70-130	3		30
1,4-Dichlorobenzene	110		108		70-130	2		30
Methyl tert butyl ether	89		88		66-130	1		30
p/m-Xylene	109		107		70-130	2		30
o-Xylene	107		104		70-130	3		30
cis-1,2-Dichloroethene	95		91		70-130	4		30
Styrene	107		106		70-130	1		30
Dichlorodifluoromethane	58		55		30-146	5		30
Acetone	118		115		54-140	3		30
Carbon disulfide	83		81		59-130	2		30
2-Butanone	96		105		70-130	9		30
4-Methyl-2-pentanone	80		101		70-130	23		30
2-Hexanone	92		113		70-130	20		30
Bromochloromethane	92		90		70-130	2		30
1,2-Dibromoethane	86		102		70-130	17		30
1,2-Dibromo-3-chloropropane	87		101		68-130	15		30
Isopropylbenzene	115		126		70-130	9		30
1,2,3-Trichlorobenzene	100		114		70-130	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08,11-12,15,18 Batch: WG1297486-3 WG1297486-4								
1,2,4-Trichlorobenzene	108		122		70-130	12		30
Methyl Acetate	113		115		51-146	2		30
Cyclohexane	106		103		59-142	3		30
1,4-Dioxane	85		91		65-136	7		30
Freon-113	96		92		50-139	4		30
Methyl cyclohexane	96		91		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	101		104		70-130
4-Bromofluorobenzene	101		115		70-130
Dibromofluoromethane	95		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 20 Batch: WG1297861-3 WG1297861-4								
Methylene chloride	102		99		70-130	3		30
1,1-Dichloroethane	105		104		70-130	1		30
Chloroform	94		93		70-130	1		30
Carbon tetrachloride	83		82		70-130	1		30
1,2-Dichloropropane	107		105		70-130	2		30
Dibromochloromethane	88		86		70-130	2		30
1,1,2-Trichloroethane	103		101		70-130	2		30
Tetrachloroethene	91		90		70-130	1		30
Chlorobenzene	96		95		70-130	1		30
Trichlorofluoromethane	89		85		70-139	5		30
1,2-Dichloroethane	97		96		70-130	1		30
1,1,1-Trichloroethane	93		90		70-130	3		30
Bromodichloromethane	93		91		70-130	2		30
trans-1,3-Dichloropropene	96		95		70-130	1		30
cis-1,3-Dichloropropene	98		95		70-130	3		30
Bromoform	80		79		70-130	1		30
1,1,2,2-Tetrachloroethane	104		105		70-130	1		30
Benzene	101		98		70-130	3		30
Toluene	101		99		70-130	2		30
Ethylbenzene	98		96		70-130	2		30
Chloromethane	94		92		52-130	2		30
Bromomethane	72		70		57-147	3		30
Vinyl chloride	98		95		67-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 20 Batch: WG1297861-3 WG1297861-4								
Chloroethane	96		90		50-151	6		30
1,1-Dichloroethene	91		91		65-135	0		30
trans-1,2-Dichloroethene	95		96		70-130	1		30
Trichloroethene	97		96		70-130	1		30
1,2-Dichlorobenzene	96		95		70-130	1		30
1,3-Dichlorobenzene	97		96		70-130	1		30
1,4-Dichlorobenzene	95		93		70-130	2		30
Methyl tert butyl ether	95		94		66-130	1		30
p/m-Xylene	99		96		70-130	3		30
o-Xylene	98		96		70-130	2		30
cis-1,2-Dichloroethene	99		97		70-130	2		30
Styrene	99		96		70-130	3		30
Dichlorodifluoromethane	68		67		30-146	1		30
Acetone	112		102		54-140	9		30
Carbon disulfide	92		91		59-130	1		30
2-Butanone	80		86		70-130	7		30
4-Methyl-2-pentanone	104		105		70-130	1		30
2-Hexanone	94		88		70-130	7		30
Bromochloromethane	95		95		70-130	0		30
1,2-Dibromoethane	96		96		70-130	0		30
1,2-Dibromo-3-chloropropane	85		83		68-130	2		30
Isopropylbenzene	98		96		70-130	2		30
1,2,3-Trichlorobenzene	89		88		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 20 Batch: WG1297861-3 WG1297861-4								
1,2,4-Trichlorobenzene	90		90		70-130	0		30
Methyl Acetate	117		111		51-146	5		30
Cyclohexane	113		111		59-142	2		30
1,4-Dioxane	104		102		65-136	2		30
Freon-113	98		97		50-139	1		30
Methyl cyclohexane	105		103		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		94		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	94		93		70-130

SEMIVOLATILES

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-01
Client ID: SOIL-SB03
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 11:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 09:39
Analyst: RC
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	920		ug/kg	190	24.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	32.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	62.	1
2,4-Dinitrotoluene	ND		ug/kg	230	47.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	6700		ug/kg	140	27.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	36.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	40.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	670	210	1
Hexachloroethane	ND		ug/kg	190	38.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	3300		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	190	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	81.	1
Butyl benzyl phthalate	ND		ug/kg	230	59.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	79.	1
Diethyl phthalate	ND		ug/kg	230	22.	1
Dimethyl phthalate	ND		ug/kg	230	49.	1
Benzo(a)anthracene	3300		ug/kg	140	26.	1
Benzo(a)pyrene	3000		ug/kg	190	57.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-01 Date Collected: 10/10/19 11:30

Client ID: SOIL-SB03 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	3300		ug/kg	140	39.	1
Benzo(k)fluoranthene	1300		ug/kg	140	37.	1
Chrysene	2800		ug/kg	140	24.	1
Acenaphthylene	300		ug/kg	190	36.	1
Anthracene	1800		ug/kg	140	46.	1
Benzo(ghi)perylene	1500		ug/kg	190	27.	1
Fluorene	1200		ug/kg	230	23.	1
Phenanthrene	6000		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	370		ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	1600		ug/kg	190	32.	1
Pyrene	6300		ug/kg	140	23.	1
Biphenyl	210	J	ug/kg	530	54.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	45.	1
3-Nitroaniline	ND		ug/kg	230	44.	1
4-Nitroaniline	ND		ug/kg	230	97.	1
Dibenzofuran	870		ug/kg	230	22.	1
2-Methylnaphthalene	800		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	140	J	ug/kg	230	29.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	35.	1
2-Chlorophenol	ND		ug/kg	230	28.	1
2,4-Dichlorophenol	ND		ug/kg	210	38.	1
2,4-Dimethylphenol	210	J	ug/kg	230	77.	1
2-Nitrophenol	ND		ug/kg	500	88.	1
4-Nitrophenol	ND		ug/kg	330	95.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	610	110	1
Pentachlorophenol	ND		ug/kg	190	51.	1
Phenol	540		ug/kg	230	35.	1
2-Methylphenol	120	J	ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	11000	E	ug/kg	340	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	45.	1
Carbazole	780		ug/kg	230	23.	1
Atrazine	ND		ug/kg	190	82.	1
Benzaldehyde	140	J	ug/kg	310	63.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-01 Date Collected: 10/10/19 11:30

Client ID: SOIL-SB03 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	230	71.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	230	47.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	57		30-120
2,4,6-Tribromophenol	86		10-136
4-Terphenyl-d14	54		18-120

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-01 D
Client ID: SOIL-SB03
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 16:25
Analyst: RC
Percent Solids: 69%

Date Collected: 10/10/19 11:30
Date Received: 10/11/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
3-Methylphenol/4-Methylphenol	9700		ug/kg	670	73.	2

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-02
Client ID: SOIL-SB04
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 12:25
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 04:45
Analyst: RC
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	24.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	31.	1
2-Chloronaphthalene	ND		ug/kg	230	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	60.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	ND		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	23.	1
Hexachlorobutadiene	ND		ug/kg	230	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	200	30.	1
Naphthalene	ND		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	200	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	79.	1
Butyl benzyl phthalate	ND		ug/kg	230	57.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	77.	1
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	ND		ug/kg	140	26.	1
Benzo(a)pyrene	ND		ug/kg	180	56.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-02 Date Collected: 10/10/19 12:25

Client ID: SOIL-SB04 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	140	38.	1
Benzo(k)fluoranthene	ND		ug/kg	140	36.	1
Chrysene	ND		ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	140	44.	1
Benzo(ghi)perylene	ND		ug/kg	180	27.	1
Fluorene	ND		ug/kg	230	22.	1
Phenanthrene	ND		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	32.	1
Pyrene	ND		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	520	53.	1
4-Chloroaniline	ND		ug/kg	230	41.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	94.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	270	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	75.	1
2-Nitrophenol	ND		ug/kg	490	86.	1
4-Nitrophenol	ND		ug/kg	320	93.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	34.	1
2-Methylphenol	ND		ug/kg	230	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Carbazole	ND		ug/kg	230	22.	1
Atrazine	ND		ug/kg	180	80.	1
Benzaldehyde	ND		ug/kg	300	61.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-02 Date Collected: 10/10/19 12:25

Client ID: SOIL-SB04 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	230	69.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	230	46.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	57		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-03
Client ID: SOIL-SB05
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 13:55
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 05:12
Analyst: RC
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-03 Date Collected: 10/10/19 13:55

Client ID: SOIL-SB05 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-03 Date Collected: 10/10/19 13:55

Client ID: SOIL-SB05 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	70		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	61		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-04
Client ID: SOIL-SB06
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 13:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 05:39
Analyst: RC
Percent Solids: 57%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	230	30.	1
Hexachlorobenzene	ND		ug/kg	170	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	260	39.	1
2-Chloronaphthalene	ND		ug/kg	290	28.	1
3,3'-Dichlorobenzidine	ND		ug/kg	290	76.	1
2,4-Dinitrotoluene	ND		ug/kg	290	57.	1
2,6-Dinitrotoluene	ND		ug/kg	290	49.	1
Fluoranthene	ND		ug/kg	170	33.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	290	31.	1
4-Bromophenyl phenyl ether	ND		ug/kg	290	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	340	49.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	310	29.	1
Hexachlorobutadiene	ND		ug/kg	290	42.	1
Hexachlorocyclopentadiene	ND		ug/kg	820	260	1
Hexachloroethane	ND		ug/kg	230	46.	1
Isophorone	ND		ug/kg	260	37.	1
Naphthalene	ND		ug/kg	290	35.	1
Nitrobenzene	ND		ug/kg	260	42.	1
NDPA/DPA	ND		ug/kg	230	33.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	290	44.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	290	99.	1
Butyl benzyl phthalate	ND		ug/kg	290	72.	1
Di-n-butylphthalate	ND		ug/kg	290	54.	1
Di-n-octylphthalate	ND		ug/kg	290	98.	1
Diethyl phthalate	ND		ug/kg	290	26.	1
Dimethyl phthalate	ND		ug/kg	290	60.	1
Benzo(a)anthracene	ND		ug/kg	170	32.	1
Benzo(a)pyrene	ND		ug/kg	230	70.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-04 Date Collected: 10/11/19 13:15

Client ID: SOIL-SB06 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	170	48.	1
Benzo(k)fluoranthene	ND		ug/kg	170	46.	1
Chrysene	ND		ug/kg	170	30.	1
Acenaphthylene	ND		ug/kg	230	44.	1
Anthracene	ND		ug/kg	170	56.	1
Benzo(ghi)perylene	ND		ug/kg	230	34.	1
Fluorene	ND		ug/kg	290	28.	1
Phenanthrene	ND		ug/kg	170	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	170	33.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	230	40.	1
Pyrene	ND		ug/kg	170	28.	1
Biphenyl	ND		ug/kg	650	66.	1
4-Chloroaniline	ND		ug/kg	290	52.	1
2-Nitroaniline	ND		ug/kg	290	55.	1
3-Nitroaniline	ND		ug/kg	290	54.	1
4-Nitroaniline	ND		ug/kg	290	120	1
Dibenzofuran	ND		ug/kg	290	27.	1
2-Methylnaphthalene	ND		ug/kg	340	35.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	290	30.	1
Acetophenone	ND		ug/kg	290	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	170	54.	1
p-Chloro-m-cresol	ND		ug/kg	290	43.	1
2-Chlorophenol	ND		ug/kg	290	34.	1
2,4-Dichlorophenol	ND		ug/kg	260	46.	1
2,4-Dimethylphenol	ND		ug/kg	290	95.	1
2-Nitrophenol	ND		ug/kg	620	110	1
4-Nitrophenol	ND		ug/kg	400	120	1
2,4-Dinitrophenol	ND		ug/kg	1400	130	1
4,6-Dinitro-o-cresol	ND		ug/kg	750	140	1
Pentachlorophenol	ND		ug/kg	230	63.	1
Phenol	ND		ug/kg	290	43.	1
2-Methylphenol	ND		ug/kg	290	44.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	410	45.	1
2,4,5-Trichlorophenol	ND		ug/kg	290	55.	1
Carbazole	ND		ug/kg	290	28.	1
Atrazine	ND		ug/kg	230	100	1
Benzaldehyde	ND		ug/kg	380	77.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-04 Date Collected: 10/11/19 13:15

Client ID: SOIL-SB06 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	290	87.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	290	58.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	50		23-120
2-Fluorobiphenyl	53		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	51		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-05
Client ID: SOIL-SB07
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 09:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 09:12
Analyst: RC
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	520		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	200	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	52.	1
2,4-Dinitrotoluene	ND		ug/kg	200	39.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	3400		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	2500		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	68.	1
Butyl benzyl phthalate	ND		ug/kg	200	49.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	66.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	1300		ug/kg	120	22.	1
Benzo(a)pyrene	1300		ug/kg	160	48.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-05 Date Collected: 10/10/19 09:00

Client ID: SOIL-SB07 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	1500		ug/kg	120	33.	1
Benzo(k)fluoranthene	500		ug/kg	120	31.	1
Chrysene	1200		ug/kg	120	20.	1
Acenaphthylene	330		ug/kg	160	30.	1
Anthracene	1000		ug/kg	120	38.	1
Benzo(ghi)perylene	660		ug/kg	160	23.	1
Fluorene	860		ug/kg	200	19.	1
Phenanthrene	4500		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	140		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	690		ug/kg	160	27.	1
Pyrene	3000		ug/kg	120	19.	1
Biphenyl	150	J	ug/kg	450	45.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	81.	1
Dibenzofuran	660		ug/kg	200	18.	1
2-Methylnaphthalene	540		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	20.	1
Acetophenone	ND		ug/kg	200	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	79	J	ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	33	J	ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	140	J	ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	570		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-05 Date Collected: 10/10/19 09:00

Client ID: SOIL-SB07 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	59		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-06
Client ID: SOIL-SB08
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 09:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 08:19
Analyst: RC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	27	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	130		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	210		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	62	J	ug/kg	110	22.	1
Benzo(a)pyrene	66	J	ug/kg	150	47.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-06 Date Collected: 10/10/19 09:30

Client ID: SOIL-SB08 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	170		ug/kg	110	32.	1
Benzo(k)fluoranthene	50	J	ug/kg	110	30.	1
Chrysene	110		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	85	J	ug/kg	150	22.	1
Fluorene	28	J	ug/kg	190	18.	1
Phenanthrene	82	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	76	J	ug/kg	150	27.	1
Pyrene	130		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	19	J	ug/kg	190	18.	1
2-Methylnaphthalene	24	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	260	J	ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	20	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-06 Date Collected: 10/10/19 09:30

Client ID: SOIL-SB08 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	46		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	52		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-07
Client ID: SOIL-SB09
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 17:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 01:13
Analyst: RC
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	28.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	55.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	120	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	21.	1
Hexachlorobutadiene	ND		ug/kg	210	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	590	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	25.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	32.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	72.	1
Butyl benzyl phthalate	ND		ug/kg	210	52.	1
Di-n-butylphthalate	ND		ug/kg	210	39.	1
Di-n-octylphthalate	ND		ug/kg	210	71.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	170	51.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-07 Date Collected: 10/10/19 17:00

Client ID: SOIL-SB09 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	35.	1
Benzo(k)fluoranthene	ND		ug/kg	120	33.	1
Chrysene	ND		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	170	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	48.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	39.	1
p-Chloro-m-cresol	ND		ug/kg	210	31.	1
2-Chlorophenol	ND		ug/kg	210	24.	1
2,4-Dichlorophenol	ND		ug/kg	190	33.	1
2,4-Dimethylphenol	ND		ug/kg	210	69.	1
2-Nitrophenol	ND		ug/kg	450	78.	1
4-Nitrophenol	ND		ug/kg	290	85.	1
2,4-Dinitrophenol	ND		ug/kg	1000	97.	1
4,6-Dinitro-o-cresol	ND		ug/kg	540	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	31.	1
2-Methylphenol	ND		ug/kg	210	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Carbazole	ND		ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-07 Date Collected: 10/10/19 17:00

Client ID: SOIL-SB09 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	63.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	42.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	58		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-08
Client ID: SOIL-SB10
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 16:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 04:19
Analyst: RC
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	77	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	40	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-08 Date Collected: 10/10/19 16:30

Client ID: SOIL-SB10 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	40	J	ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	230		ug/kg	190	18.	1
Phenanthrene	380		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	62	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	85	J	ug/kg	190	18.	1
2-Methylnaphthalene	1400		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-08 Date Collected: 10/10/19 16:30

Client ID: SOIL-SB10 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	61		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-09
Client ID: SOIL-SB12
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 14:40
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 01:39
Analyst: RC
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-09 Date Collected: 10/11/19 14:40

Client ID: SOIL-SB12 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	32.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	120	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-09 Date Collected: 10/11/19 14:40

Client ID: SOIL-SB12 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	52		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	59		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-10
Client ID: SOIL-SB14
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 15:50
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 07:26
Analyst: RC
Percent Solids: 47%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	280	36.	1
Hexachlorobenzene	ND		ug/kg	210	39.	1
Bis(2-chloroethyl)ether	ND		ug/kg	310	47.	1
2-Chloronaphthalene	ND		ug/kg	350	35.	1
3,3'-Dichlorobenzidine	ND		ug/kg	350	93.	1
2,4-Dinitrotoluene	ND		ug/kg	350	70.	1
2,6-Dinitrotoluene	ND		ug/kg	350	60.	1
Fluoranthene	55	J	ug/kg	210	40.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	350	37.	1
4-Bromophenyl phenyl ether	ND		ug/kg	350	53.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	420	60.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	380	35.	1
Hexachlorobutadiene	ND		ug/kg	350	51.	1
Hexachlorocyclopentadiene	ND		ug/kg	1000	320	1
Hexachloroethane	ND		ug/kg	280	56.	1
Isophorone	ND		ug/kg	310	45.	1
Naphthalene	ND		ug/kg	350	42.	1
Nitrobenzene	ND		ug/kg	310	52.	1
NDPA/DPA	ND		ug/kg	280	40.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	350	54.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	350	120	1
Butyl benzyl phthalate	ND		ug/kg	350	88.	1
Di-n-butylphthalate	ND		ug/kg	350	66.	1
Di-n-octylphthalate	ND		ug/kg	350	120	1
Diethyl phthalate	ND		ug/kg	350	32.	1
Dimethyl phthalate	ND		ug/kg	350	73.	1
Benzo(a)anthracene	ND		ug/kg	210	39.	1
Benzo(a)pyrene	ND		ug/kg	280	85.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-10 Date Collected: 10/10/19 15:50

Client ID: SOIL-SB14 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	210	59.	1
Benzo(k)fluoranthene	ND		ug/kg	210	56.	1
Chrysene	ND		ug/kg	210	36.	1
Acenaphthylene	ND		ug/kg	280	54.	1
Anthracene	ND		ug/kg	210	68.	1
Benzo(ghi)perylene	ND		ug/kg	280	41.	1
Fluorene	ND		ug/kg	350	34.	1
Phenanthrene	63	J	ug/kg	210	42.	1
Dibenzo(a,h)anthracene	ND		ug/kg	210	40.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	280	49.	1
Pyrene	42	J	ug/kg	210	35.	1
Biphenyl	ND		ug/kg	800	81.	1
4-Chloroaniline	ND		ug/kg	350	64.	1
2-Nitroaniline	ND		ug/kg	350	67.	1
3-Nitroaniline	ND		ug/kg	350	66.	1
4-Nitroaniline	ND		ug/kg	350	140	1
Dibenzofuran	ND		ug/kg	350	33.	1
2-Methylnaphthalene	ND		ug/kg	420	42.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	350	36.	1
Acetophenone	ND		ug/kg	350	43.	1
2,4,6-Trichlorophenol	ND		ug/kg	210	66.	1
p-Chloro-m-cresol	ND		ug/kg	350	52.	1
2-Chlorophenol	ND		ug/kg	350	41.	1
2,4-Dichlorophenol	ND		ug/kg	310	56.	1
2,4-Dimethylphenol	ND		ug/kg	350	120	1
2-Nitrophenol	ND		ug/kg	750	130	1
4-Nitrophenol	ND		ug/kg	490	140	1
2,4-Dinitrophenol	ND		ug/kg	1700	160	1
4,6-Dinitro-o-cresol	ND		ug/kg	910	170	1
Pentachlorophenol	ND		ug/kg	280	77.	1
Phenol	ND		ug/kg	350	53.	1
2-Methylphenol	ND		ug/kg	350	54.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	500	55.	1
2,4,5-Trichlorophenol	ND		ug/kg	350	67.	1
Carbazole	ND		ug/kg	350	34.	1
Atrazine	ND		ug/kg	280	120	1
Benzaldehyde	ND		ug/kg	460	94.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-10 Date Collected: 10/10/19 15:50

Client ID: SOIL-SB14 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	350	110	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	350	70.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	106		10-136
4-Terphenyl-d14	58		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-11
Client ID: SOIL-SB15
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 15:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 08:46
Analyst: RC
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	93	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	1400		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	91	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	760		ug/kg	110	21.	1
Benzo(a)pyrene	830		ug/kg	150	46.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-11 Date Collected: 10/10/19 15:00

Client ID: SOIL-SB15 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	990		ug/kg	110	32.	1
Benzo(k)fluoranthene	290		ug/kg	110	30.	1
Chrysene	660		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	230		ug/kg	110	37.	1
Benzo(ghi)perylene	440		ug/kg	150	22.	1
Fluorene	79	J	ug/kg	190	18.	1
Phenanthrene	760		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	110		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	450		ug/kg	150	26.	1
Pyrene	1300		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	61	J	ug/kg	190	18.	1
2-Methylnaphthalene	34	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	63	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-11 Date Collected: 10/10/19 15:00

Client ID: SOIL-SB15 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	67		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	63		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-12
Client ID: SOIL-SB16
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 14:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 02:06
Analyst: RC
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	46	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	34	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	49.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-12 Date Collected: 10/10/19 14:35

Client ID: SOIL-SB16 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	97	J	ug/kg	200	20.	1
Phenanthrene	140		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	60	J	ug/kg	200	19.	1
2-Methylnaphthalene	1600		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	970	94.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	97.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	54.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-12 Date Collected: 10/10/19 14:35

Client ID: SOIL-SB16 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	61.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	55		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-13
Client ID: SOIL-SB17
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 08:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 02:33
Analyst: RC
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-13 Date Collected: 10/11/19 08:45

Client ID: SOIL-SB17 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-13 Date Collected: 10/11/19 08:45

Client ID: SOIL-SB17 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	56		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-14
Client ID: SOIL-SB18
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 11:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 03:26
Analyst: RC
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	140	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	60.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	39.	1
Fluoranthene	ND		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	78.	1
Butyl benzyl phthalate	ND		ug/kg	220	57.	1
Di-n-butylphthalate	ND		ug/kg	220	43.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	140	25.	1
Benzo(a)pyrene	ND		ug/kg	180	55.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-14 Date Collected: 10/11/19 11:15

Client ID: SOIL-SB18 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	140	38.	1
Benzo(k)fluoranthene	ND		ug/kg	140	36.	1
Chrysene	ND		ug/kg	140	23.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	140	44.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	140	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	140	22.	1
Biphenyl	ND		ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	93.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	24.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	220	34.	1
2-Chlorophenol	ND		ug/kg	220	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	490	85.	1
4-Nitrophenol	ND		ug/kg	320	92.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	79.	1
Benzaldehyde	ND		ug/kg	300	61.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-14 Date Collected: 10/11/19 11:15

Client ID: SOIL-SB18 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	61		30-120
2,4,6-Tribromophenol	91		10-136
4-Terphenyl-d14	52		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-15
Client ID: SOIL-SB19
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:40
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 03:52
Analyst: RC
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	750		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	53	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	300		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-15 Date Collected: 10/11/19 10:40

Client ID: SOIL-SB19 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	21	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	490		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	1700		ug/kg	170	17.	1
Phenanthrene	2200		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	220		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	880		ug/kg	170	16.	1
2-Methylnaphthalene	1200		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1
2,4,5-Trichlorophenol	ND		ug/kg	170	34.	1
Carbazole	ND		ug/kg	170	17.	1
Atrazine	ND		ug/kg	140	61.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-15 Date Collected: 10/11/19 10:40

Client ID: SOIL-SB19 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	170	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	170	35.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	70		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-16
Client ID: SOIL-SB20
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 06:06
Analyst: RC
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	24.	1
Hexachlorobenzene	ND		ug/kg	140	26.	1
Bis(2-chloroethyl)ether	ND		ug/kg	210	31.	1
2-Chloronaphthalene	ND		ug/kg	230	23.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	61.	1
2,4-Dinitrotoluene	ND		ug/kg	230	46.	1
2,6-Dinitrotoluene	ND		ug/kg	230	40.	1
Fluoranthene	ND		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	25.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	35.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	280	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	250	23.	1
Hexachlorobutadiene	ND		ug/kg	230	34.	1
Hexachlorocyclopentadiene	ND		ug/kg	660	210	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	210	30.	1
Naphthalene	ND		ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	210	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	36.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	80.	1
Butyl benzyl phthalate	ND		ug/kg	230	58.	1
Di-n-butylphthalate	ND		ug/kg	230	44.	1
Di-n-octylphthalate	ND		ug/kg	230	78.	1
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	ND		ug/kg	140	26.	1
Benzo(a)pyrene	ND		ug/kg	180	56.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-16 Date Collected: 10/11/19 09:15

Client ID: SOIL-SB20 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	140	39.	1
Benzo(k)fluoranthene	ND		ug/kg	140	37.	1
Chrysene	ND		ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	36.	1
Anthracene	ND		ug/kg	140	45.	1
Benzo(ghi)perylene	ND		ug/kg	180	27.	1
Fluorene	ND		ug/kg	230	22.	1
Phenanthrene	ND		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	27.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	32.	1
Pyrene	ND		ug/kg	140	23.	1
Biphenyl	ND		ug/kg	520	53.	1
4-Chloroaniline	ND		ug/kg	230	42.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	95.	1
Dibenzofuran	ND		ug/kg	230	22.	1
2-Methylnaphthalene	ND		ug/kg	280	28.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	44.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	210	37.	1
2,4-Dimethylphenol	ND		ug/kg	230	76.	1
2-Nitrophenol	ND		ug/kg	500	87.	1
4-Nitrophenol	ND		ug/kg	320	94.	1
2,4-Dinitrophenol	ND		ug/kg	1100	110	1
4,6-Dinitro-o-cresol	ND		ug/kg	600	110	1
Pentachlorophenol	ND		ug/kg	180	51.	1
Phenol	ND		ug/kg	230	35.	1
2-Methylphenol	ND		ug/kg	230	36.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	330	36.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	44.	1
Carbazole	ND		ug/kg	230	22.	1
Atrazine	ND		ug/kg	180	81.	1
Benzaldehyde	ND		ug/kg	300	62.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-16 Date Collected: 10/11/19 09:15

Client ID: SOIL-SB20 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	230	70.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	230	46.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	49		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	51		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-17
Client ID: SOIL-SB21
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 11:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 07:53
Analyst: RC
Percent Solids: 55%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	240	31.	1
Hexachlorobenzene	ND		ug/kg	180	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	270	41.	1
2-Chloronaphthalene	ND		ug/kg	300	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	300	81.	1
2,4-Dinitrotoluene	ND		ug/kg	300	61.	1
2,6-Dinitrotoluene	ND		ug/kg	300	52.	1
Fluoranthene	ND		ug/kg	180	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	300	32.	1
4-Bromophenyl phenyl ether	ND		ug/kg	300	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	360	52.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	330	30.	1
Hexachlorobutadiene	ND		ug/kg	300	44.	1
Hexachlorocyclopentadiene	ND		ug/kg	870	270	1
Hexachloroethane	ND		ug/kg	240	49.	1
Isophorone	90	J	ug/kg	270	39.	1
Naphthalene	ND		ug/kg	300	37.	1
Nitrobenzene	ND		ug/kg	270	45.	1
NDPA/DPA	ND		ug/kg	240	34.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	300	47.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	300	100	1
Butyl benzyl phthalate	ND		ug/kg	300	76.	1
Di-n-butylphthalate	ND		ug/kg	300	57.	1
Di-n-octylphthalate	ND		ug/kg	300	100	1
Diethyl phthalate	ND		ug/kg	300	28.	1
Dimethyl phthalate	ND		ug/kg	300	64.	1
Benzo(a)anthracene	ND		ug/kg	180	34.	1
Benzo(a)pyrene	ND		ug/kg	240	74.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-17 Date Collected: 10/11/19 11:45

Client ID: SOIL-SB21 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	180	51.	1
Benzo(k)fluoranthene	ND		ug/kg	180	48.	1
Chrysene	ND		ug/kg	180	32.	1
Acenaphthylene	ND		ug/kg	240	47.	1
Anthracene	ND		ug/kg	180	59.	1
Benzo(ghi)perylene	ND		ug/kg	240	36.	1
Fluorene	ND		ug/kg	300	29.	1
Phenanthrene	ND		ug/kg	180	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	180	35.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	240	42.	1
Pyrene	ND		ug/kg	180	30.	1
Biphenyl	ND		ug/kg	690	70.	1
4-Chloroaniline	ND		ug/kg	300	55.	1
2-Nitroaniline	ND		ug/kg	300	58.	1
3-Nitroaniline	ND		ug/kg	300	57.	1
4-Nitroaniline	ND		ug/kg	300	120	1
Dibenzofuran	ND		ug/kg	300	29.	1
2-Methylnaphthalene	ND		ug/kg	360	37.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	300	32.	1
Acetophenone	ND		ug/kg	300	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	180	57.	1
p-Chloro-m-cresol	ND		ug/kg	300	45.	1
2-Chlorophenol	ND		ug/kg	300	36.	1
2,4-Dichlorophenol	ND		ug/kg	270	49.	1
2,4-Dimethylphenol	ND		ug/kg	300	100	1
2-Nitrophenol	ND		ug/kg	650	110	1
4-Nitrophenol	ND		ug/kg	420	120	1
2,4-Dinitrophenol	ND		ug/kg	1400	140	1
4,6-Dinitro-o-cresol	ND		ug/kg	790	140	1
Pentachlorophenol	ND		ug/kg	240	67.	1
Phenol	ND		ug/kg	300	46.	1
2-Methylphenol	ND		ug/kg	300	47.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	440	47.	1
2,4,5-Trichlorophenol	ND		ug/kg	300	58.	1
Carbazole	ND		ug/kg	300	29.	1
Atrazine	ND		ug/kg	240	110	1
Benzaldehyde	ND		ug/kg	400	82.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-17 Date Collected: 10/11/19 11:45

Client ID: SOIL-SB21 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	300	92.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	300	61.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	97		10-136
4-Terphenyl-d14	63		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-18
Client ID: SOIL-SB22
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:05
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 06:32
Analyst: RC
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-18 Date Collected: 10/11/19 10:05

Client ID: SOIL-SB22 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-18 Date Collected: 10/11/19 10:05

Client ID: SOIL-SB22 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	68		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-19
Client ID: SOIL-SB26
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 10:20
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 06:59
Analyst: RC
Percent Solids: 53%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	240	32.	1
Hexachlorobenzene	ND		ug/kg	180	34.	1
Bis(2-chloroethyl)ether	ND		ug/kg	270	41.	1
2-Chloronaphthalene	ND		ug/kg	300	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	300	81.	1
2,4-Dinitrotoluene	ND		ug/kg	300	61.	1
2,6-Dinitrotoluene	ND		ug/kg	300	52.	1
Fluoranthene	ND		ug/kg	180	35.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	300	33.	1
4-Bromophenyl phenyl ether	ND		ug/kg	300	46.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	370	52.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	330	30.	1
Hexachlorobutadiene	ND		ug/kg	300	45.	1
Hexachlorocyclopentadiene	ND		ug/kg	870	280	1
Hexachloroethane	ND		ug/kg	240	49.	1
Isophorone	ND		ug/kg	270	40.	1
Naphthalene	ND		ug/kg	300	37.	1
Nitrobenzene	ND		ug/kg	270	45.	1
NDPA/DPA	ND		ug/kg	240	35.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	300	47.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	300	100	1
Butyl benzyl phthalate	ND		ug/kg	300	77.	1
Di-n-butylphthalate	ND		ug/kg	300	58.	1
Di-n-octylphthalate	ND		ug/kg	300	100	1
Diethyl phthalate	ND		ug/kg	300	28.	1
Dimethyl phthalate	ND		ug/kg	300	64.	1
Benzo(a)anthracene	ND		ug/kg	180	34.	1
Benzo(a)pyrene	ND		ug/kg	240	74.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-19 Date Collected: 10/10/19 10:20

Client ID: SOIL-SB26 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	180	51.	1
Benzo(k)fluoranthene	ND		ug/kg	180	49.	1
Chrysene	ND		ug/kg	180	32.	1
Acenaphthylene	ND		ug/kg	240	47.	1
Anthracene	ND		ug/kg	180	60.	1
Benzo(ghi)perylene	ND		ug/kg	240	36.	1
Fluorene	ND		ug/kg	300	30.	1
Phenanthrene	ND		ug/kg	180	37.	1
Dibenzo(a,h)anthracene	ND		ug/kg	180	35.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	240	42.	1
Pyrene	ND		ug/kg	180	30.	1
Biphenyl	ND		ug/kg	700	71.	1
4-Chloroaniline	ND		ug/kg	300	56.	1
2-Nitroaniline	ND		ug/kg	300	59.	1
3-Nitroaniline	ND		ug/kg	300	58.	1
4-Nitroaniline	ND		ug/kg	300	130	1
Dibenzofuran	ND		ug/kg	300	29.	1
2-Methylnaphthalene	ND		ug/kg	370	37.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	300	32.	1
Acetophenone	ND		ug/kg	300	38.	1
2,4,6-Trichlorophenol	ND		ug/kg	180	58.	1
p-Chloro-m-cresol	ND		ug/kg	300	45.	1
2-Chlorophenol	ND		ug/kg	300	36.	1
2,4-Dichlorophenol	ND		ug/kg	270	49.	1
2,4-Dimethylphenol	ND		ug/kg	300	100	1
2-Nitrophenol	ND		ug/kg	660	110	1
4-Nitrophenol	ND		ug/kg	430	120	1
2,4-Dinitrophenol	ND		ug/kg	1500	140	1
4,6-Dinitro-o-cresol	ND		ug/kg	790	150	1
Pentachlorophenol	ND		ug/kg	240	67.	1
Phenol	ND		ug/kg	300	46.	1
2-Methylphenol	ND		ug/kg	300	47.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	440	48.	1
2,4,5-Trichlorophenol	ND		ug/kg	300	58.	1
Carbazole	ND		ug/kg	300	30.	1
Atrazine	ND		ug/kg	240	110	1
Benzaldehyde	ND		ug/kg	400	82.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-19 Date Collected: 10/10/19 10:20

Client ID: SOIL-SB26 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	300	93.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	300	62.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	93		10-136
4-Terphenyl-d14	56		18-120

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-20
Client ID: SOIL-CHA-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 14:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 10/16/19 02:59
Analyst: RC
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-20 Date Collected: 10/11/19 14:00

Client ID: SOIL-CHA-DUP001 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-20 Date Collected: 10/11/19 14:00

Client ID: SOIL-CHA-DUP001 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	94		10-136
4-Terphenyl-d14	55		18-120

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/15/19 23:53
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG1295731-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/15/19 23:53
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG1295731-1					
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/15/19 23:53
Analyst: RC

Extraction Method: EPA 3546
Extraction Date: 10/13/19 21:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-20 Batch: WG1295731-1					
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	86		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1295731-2 WG1295731-3								
Acenaphthene	82		88		31-137	7		50
Hexachlorobenzene	86		94		40-140	9		50
Bis(2-chloroethyl)ether	78		81		40-140	4		50
2-Chloronaphthalene	83		89		40-140	7		50
3,3'-Dichlorobenzidine	75		87		40-140	15		50
2,4-Dinitrotoluene	90		97		40-132	7		50
2,6-Dinitrotoluene	86		90		40-140	5		50
Fluoranthene	85		93		40-140	9		50
4-Chlorophenyl phenyl ether	82		87		40-140	6		50
4-Bromophenyl phenyl ether	84		88		40-140	5		50
Bis(2-chloroisopropyl)ether	55		58		40-140	5		50
Bis(2-chloroethoxy)methane	73		79		40-117	8		50
Hexachlorobutadiene	78		84		40-140	7		50
Hexachlorocyclopentadiene	76		78		40-140	3		50
Hexachloroethane	71		73		40-140	3		50
Isophorone	74		81		40-140	9		50
Naphthalene	81		85		40-140	5		50
Nitrobenzene	77		81		40-140	5		50
NDPA/DPA	85		92		36-157	8		50
n-Nitrosodi-n-propylamine	75		80		32-121	6		50
Bis(2-ethylhexyl)phthalate	82		89		40-140	8		50
Butyl benzyl phthalate	83		92		40-140	10		50
Di-n-butylphthalate	81		90		40-140	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1295731-2 WG1295731-3								
Di-n-octylphthalate	84		92		40-140	9		50
Diethyl phthalate	81		88		40-140	8		50
Dimethyl phthalate	80		84		40-140	5		50
Benzo(a)anthracene	84		90		40-140	7		50
Benzo(a)pyrene	89		98		40-140	10		50
Benzo(b)fluoranthene	90		102		40-140	13		50
Benzo(k)fluoranthene	94		98		40-140	4		50
Chrysene	84		92		40-140	9		50
Acenaphthylene	86		89		40-140	3		50
Anthracene	85		92		40-140	8		50
Benzo(ghi)perylene	89		99		40-140	11		50
Fluorene	84		91		40-140	8		50
Phenanthrene	82		90		40-140	9		50
Dibenzo(a,h)anthracene	87		99		40-140	13		50
Indeno(1,2,3-cd)pyrene	88		96		40-140	9		50
Pyrene	83		89		35-142	7		50
Biphenyl	86		92		37-127	7		50
4-Chloroaniline	54		61		40-140	12		50
2-Nitroaniline	86		97		47-134	12		50
3-Nitroaniline	67		77		26-129	14		50
4-Nitroaniline	80		89		41-125	11		50
Dibenzofuran	84		91		40-140	8		50
2-Methylnaphthalene	87		93		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1295731-2 WG1295731-3								
1,2,4,5-Tetrachlorobenzene	83		88		40-117	6		50
Acetophenone	82		86		14-144	5		50
2,4,6-Trichlorophenol	86		94		30-130	9		50
p-Chloro-m-cresol	90		98		26-103	9		50
2-Chlorophenol	85		90		25-102	6		50
2,4-Dichlorophenol	86		94		30-130	9		50
2,4-Dimethylphenol	89		91		30-130	2		50
2-Nitrophenol	84		88		30-130	5		50
4-Nitrophenol	82		99		11-114	19		50
2,4-Dinitrophenol	70		65		4-130	7		50
4,6-Dinitro-o-cresol	78		85		10-130	9		50
Pentachlorophenol	70		76		17-109	8		50
Phenol	**91**	Q	**94**	Q	26-90	3		50
2-Methylphenol	87		88		30-130.	1		50
3-Methylphenol/4-Methylphenol	86		89		30-130	3		50
2,4,5-Trichlorophenol	88		95		30-130	8		50
Carbazole	86		95		54-128	10		50
Atrazine	91		100		40-140	9		50
Benzaldehyde	79		85		40-140	7		50
Caprolactam	72		77		15-130	7		50
2,3,4,6-Tetrachlorophenol	86		89		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-20 Batch: WG1295731-2 WG1295731-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	99		104		25-120
Phenol-d6	100		105		10-120
Nitrobenzene-d5	72		75		23-120
2-Fluorobiphenyl	77		82		30-120
2,4,6-Tribromophenol	107		115		10-136
4-Terphenyl-d14	83		88		18-120

PCBS

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-01
Client ID: SOIL-SB03
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 11:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 18:03
Analyst: AWS
Percent Solids: 69%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	47.4	4.21	1	A
Aroclor 1221	ND		ug/kg	47.4	4.75	1	A
Aroclor 1232	ND		ug/kg	47.4	10.0	1	A
Aroclor 1242	ND		ug/kg	47.4	6.39	1	A
Aroclor 1248	ND		ug/kg	47.4	7.11	1	A
Aroclor 1254	ND		ug/kg	47.4	5.19	1	A
Aroclor 1260	ND		ug/kg	47.4	8.76	1	A
Aroclor 1262	ND		ug/kg	47.4	6.02	1	A
Aroclor 1268	ND		ug/kg	47.4	4.91	1	A
PCBs, Total	ND		ug/kg	47.4	4.21	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-02
Client ID: SOIL-SB04
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 12:25
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 18:15
Analyst: AWS
Percent Solids: 72%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	44.4	3.94	1	A
Aroclor 1221	ND		ug/kg	44.4	4.45	1	A
Aroclor 1232	ND		ug/kg	44.4	9.42	1	A
Aroclor 1242	ND		ug/kg	44.4	5.99	1	A
Aroclor 1248	ND		ug/kg	44.4	6.66	1	A
Aroclor 1254	ND		ug/kg	44.4	4.86	1	A
Aroclor 1260	ND		ug/kg	44.4	8.21	1	A
Aroclor 1262	ND		ug/kg	44.4	5.64	1	A
Aroclor 1268	ND		ug/kg	44.4	4.60	1	A
PCBs, Total	ND		ug/kg	44.4	3.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-03
Client ID: SOIL-SB05
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 13:55
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 18:27
Analyst: AWS
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.23	1	A
Aroclor 1221	ND		ug/kg	36.4	3.64	1	A
Aroclor 1232	ND		ug/kg	36.4	7.71	1	A
Aroclor 1242	ND		ug/kg	36.4	4.90	1	A
Aroclor 1248	ND		ug/kg	36.4	5.46	1	A
Aroclor 1254	ND		ug/kg	36.4	3.98	1	A
Aroclor 1260	ND		ug/kg	36.4	6.72	1	A
Aroclor 1262	ND		ug/kg	36.4	4.62	1	A
Aroclor 1268	ND		ug/kg	36.4	3.77	1	A
PCBs, Total	ND		ug/kg	36.4	3.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-04
Client ID: SOIL-SB06
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 18:39
Analyst: AWS
Percent Solids: 57%

Date Collected: 10/11/19 13:15
Date Received: 10/11/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.6	5.02	1	A
Aroclor 1221	ND		ug/kg	56.6	5.67	1	A
Aroclor 1232	ND		ug/kg	56.6	12.0	1	A
Aroclor 1242	ND		ug/kg	56.6	7.62	1	A
Aroclor 1248	ND		ug/kg	56.6	8.48	1	A
Aroclor 1254	ND		ug/kg	56.6	6.19	1	A
Aroclor 1260	ND		ug/kg	56.6	10.4	1	A
Aroclor 1262	ND		ug/kg	56.6	7.18	1	A
Aroclor 1268	ND		ug/kg	56.6	5.86	1	A
PCBs, Total	ND		ug/kg	56.6	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-05
Client ID: SOIL-SB07
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 09:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 18:50
Analyst: AWS
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.6	3.52	1	A
Aroclor 1221	ND		ug/kg	39.6	3.97	1	A
Aroclor 1232	ND		ug/kg	39.6	8.39	1	A
Aroclor 1242	ND		ug/kg	39.6	5.34	1	A
Aroclor 1248	ND		ug/kg	39.6	5.94	1	A
Aroclor 1254	ND		ug/kg	39.6	4.33	1	A
Aroclor 1260	ND		ug/kg	39.6	7.32	1	A
Aroclor 1262	ND		ug/kg	39.6	5.03	1	A
Aroclor 1268	ND		ug/kg	39.6	4.10	1	A
PCBs, Total	ND		ug/kg	39.6	3.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	97		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-06
Client ID: SOIL-SB08
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 19:02
Analyst: AWS
Percent Solids: 85%

Date Collected: 10/10/19 09:30
Date Received: 10/11/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.6	3.42	1	A
Aroclor 1221	ND		ug/kg	38.6	3.86	1	A
Aroclor 1232	ND		ug/kg	38.6	8.18	1	A
Aroclor 1242	ND		ug/kg	38.6	5.20	1	A
Aroclor 1248	ND		ug/kg	38.6	5.78	1	A
Aroclor 1254	16.6	J	ug/kg	38.6	4.22	1	B
Aroclor 1260	ND		ug/kg	38.6	7.13	1	A
Aroclor 1262	ND		ug/kg	38.6	4.90	1	A
Aroclor 1268	ND		ug/kg	38.6	4.00	1	A
PCBs, Total	16.6	J	ug/kg	38.6	3.42	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	104		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-07
Client ID: SOIL-SB09
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 17:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 19:14
Analyst: AWS
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.1	3.65	1	A
Aroclor 1221	ND		ug/kg	41.1	4.12	1	A
Aroclor 1232	ND		ug/kg	41.1	8.72	1	A
Aroclor 1242	ND		ug/kg	41.1	5.54	1	A
Aroclor 1248	ND		ug/kg	41.1	6.17	1	A
Aroclor 1254	ND		ug/kg	41.1	4.50	1	A
Aroclor 1260	ND		ug/kg	41.1	7.60	1	A
Aroclor 1262	ND		ug/kg	41.1	5.22	1	A
Aroclor 1268	ND		ug/kg	41.1	4.26	1	A
PCBs, Total	ND		ug/kg	41.1	3.65	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	109		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-08
Client ID: SOIL-SB10
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 19:26
Analyst: AWS
Percent Solids: 87%

Date Collected: 10/10/19 16:30
Date Received: 10/11/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.9	3.27	1	A
Aroclor 1221	ND		ug/kg	36.9	3.69	1	A
Aroclor 1232	ND		ug/kg	36.9	7.82	1	A
Aroclor 1242	ND		ug/kg	36.9	4.97	1	A
Aroclor 1248	ND		ug/kg	36.9	5.53	1	A
Aroclor 1254	ND		ug/kg	36.9	4.03	1	A
Aroclor 1260	ND		ug/kg	36.9	6.81	1	A
Aroclor 1262	ND		ug/kg	36.9	4.68	1	A
Aroclor 1268	ND		ug/kg	36.9	3.82	1	A
PCBs, Total	ND		ug/kg	36.9	3.27	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	149		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	131		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-09
Client ID: SOIL-SB12
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 19:38
Analyst: AWS
Percent Solids: 85%

Date Collected: 10/11/19 14:40
Date Received: 10/11/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.2	3.30	1	A
Aroclor 1221	ND		ug/kg	37.2	3.73	1	A
Aroclor 1232	ND		ug/kg	37.2	7.88	1	A
Aroclor 1242	ND		ug/kg	37.2	5.01	1	A
Aroclor 1248	ND		ug/kg	37.2	5.58	1	A
Aroclor 1254	ND		ug/kg	37.2	4.07	1	A
Aroclor 1260	ND		ug/kg	37.2	6.87	1	A
Aroclor 1262	ND		ug/kg	37.2	4.72	1	A
Aroclor 1268	ND		ug/kg	37.2	3.85	1	A
PCBs, Total	ND		ug/kg	37.2	3.30	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	116		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	94		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-10
Client ID: SOIL-SB14
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 19:49
Analyst: AWS
Percent Solids: 47%

Date Collected: 10/10/19 15:50
Date Received: 10/11/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	69.9	6.20	1	A
Aroclor 1221	ND		ug/kg	69.9	7.00	1	A
Aroclor 1232	ND		ug/kg	69.9	14.8	1	A
Aroclor 1242	ND		ug/kg	69.9	9.42	1	A
Aroclor 1248	ND		ug/kg	69.9	10.5	1	A
Aroclor 1254	ND		ug/kg	69.9	7.64	1	A
Aroclor 1260	ND		ug/kg	69.9	12.9	1	A
Aroclor 1262	ND		ug/kg	69.9	8.87	1	A
Aroclor 1268	ND		ug/kg	69.9	7.24	1	A
PCBs, Total	ND		ug/kg	69.9	6.20	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-11
Client ID: SOIL-SB15
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 15:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 20:01
Analyst: AWS
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	3.34	1	A
Aroclor 1221	ND		ug/kg	37.6	3.76	1	A
Aroclor 1232	ND		ug/kg	37.6	7.96	1	A
Aroclor 1242	ND		ug/kg	37.6	5.06	1	A
Aroclor 1248	ND		ug/kg	37.6	5.63	1	A
Aroclor 1254	ND		ug/kg	37.6	4.11	1	A
Aroclor 1260	ND		ug/kg	37.6	6.94	1	A
Aroclor 1262	ND		ug/kg	37.6	4.77	1	A
Aroclor 1268	ND		ug/kg	37.6	3.89	1	A
PCBs, Total	ND		ug/kg	37.6	3.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	102		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	104		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-12
Client ID: SOIL-SB16
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 14:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 20:13
Analyst: AWS
Percent Solids: 82%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.9	3.54	1	A
Aroclor 1221	ND		ug/kg	39.9	4.00	1	A
Aroclor 1232	ND		ug/kg	39.9	8.46	1	A
Aroclor 1242	ND		ug/kg	39.9	5.38	1	A
Aroclor 1248	ND		ug/kg	39.9	5.98	1	A
Aroclor 1254	ND		ug/kg	39.9	4.36	1	A
Aroclor 1260	ND		ug/kg	39.9	7.37	1	A
Aroclor 1262	ND		ug/kg	39.9	5.07	1	A
Aroclor 1268	ND		ug/kg	39.9	4.13	1	A
PCBs, Total	ND		ug/kg	39.9	3.54	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	132		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	117		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-13
Client ID: SOIL-SB17
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 08:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 20:25
Analyst: AWS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	3.34	1	A
Aroclor 1221	ND		ug/kg	37.6	3.76	1	A
Aroclor 1232	ND		ug/kg	37.6	7.96	1	A
Aroclor 1242	ND		ug/kg	37.6	5.06	1	A
Aroclor 1248	ND		ug/kg	37.6	5.63	1	A
Aroclor 1254	9.50	J	ug/kg	37.6	4.11	1	B
Aroclor 1260	ND		ug/kg	37.6	6.94	1	A
Aroclor 1262	ND		ug/kg	37.6	4.77	1	A
Aroclor 1268	ND		ug/kg	37.6	3.89	1	A
PCBs, Total	9.50	J	ug/kg	37.6	3.34	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	122		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-14
Client ID: SOIL-SB18
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 11:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 20:36
Analyst: AWS
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.2	3.84	1	A
Aroclor 1221	ND		ug/kg	43.2	4.33	1	A
Aroclor 1232	ND		ug/kg	43.2	9.16	1	A
Aroclor 1242	ND		ug/kg	43.2	5.82	1	A
Aroclor 1248	ND		ug/kg	43.2	6.48	1	A
Aroclor 1254	ND		ug/kg	43.2	4.72	1	A
Aroclor 1260	ND		ug/kg	43.2	7.98	1	A
Aroclor 1262	ND		ug/kg	43.2	5.48	1	A
Aroclor 1268	ND		ug/kg	43.2	4.48	1	A
PCBs, Total	ND		ug/kg	43.2	3.84	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	120		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	96		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-15
Client ID: SOIL-SB19
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:40
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 20:48
Analyst: AWS
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.3	3.04	1	A
Aroclor 1221	ND		ug/kg	34.3	3.44	1	A
Aroclor 1232	ND		ug/kg	34.3	7.27	1	A
Aroclor 1242	ND		ug/kg	34.3	4.62	1	A
Aroclor 1248	ND		ug/kg	34.3	5.14	1	A
Aroclor 1254	ND		ug/kg	34.3	3.75	1	A
Aroclor 1260	ND		ug/kg	34.3	6.34	1	A
Aroclor 1262	ND		ug/kg	34.3	4.36	1	A
Aroclor 1268	ND		ug/kg	34.3	3.55	1	A
PCBs, Total	ND		ug/kg	34.3	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	123		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-16
Client ID: SOIL-SB20
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 22:18
Analyst: AWS
Percent Solids: 71%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	46.1	4.09	1	A
Aroclor 1221	ND		ug/kg	46.1	4.62	1	A
Aroclor 1232	ND		ug/kg	46.1	9.78	1	A
Aroclor 1242	ND		ug/kg	46.1	6.22	1	A
Aroclor 1248	ND		ug/kg	46.1	6.92	1	A
Aroclor 1254	ND		ug/kg	46.1	5.04	1	A
Aroclor 1260	ND		ug/kg	46.1	8.52	1	A
Aroclor 1262	ND		ug/kg	46.1	5.86	1	A
Aroclor 1268	ND		ug/kg	46.1	4.78	1	A
PCBs, Total	ND		ug/kg	46.1	4.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	113		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	92		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-17
Client ID: SOIL-SB21
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 11:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 22:29
Analyst: AWS
Percent Solids: 55%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	58.9	5.23	1	A
Aroclor 1221	ND		ug/kg	58.9	5.90	1	A
Aroclor 1232	ND		ug/kg	58.9	12.5	1	A
Aroclor 1242	ND		ug/kg	58.9	7.94	1	A
Aroclor 1248	ND		ug/kg	58.9	8.84	1	A
Aroclor 1254	ND		ug/kg	58.9	6.45	1	A
Aroclor 1260	ND		ug/kg	58.9	10.9	1	A
Aroclor 1262	ND		ug/kg	58.9	7.48	1	A
Aroclor 1268	ND		ug/kg	58.9	6.10	1	A
PCBs, Total	ND		ug/kg	58.9	5.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-18
Client ID: SOIL-SB22
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 22:41
Analyst: AWS
Percent Solids: 91%

Date Collected: 10/11/19 10:05
Date Received: 10/11/19
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	3.07	1	A
Aroclor 1221	ND		ug/kg	34.6	3.47	1	A
Aroclor 1232	ND		ug/kg	34.6	7.34	1	A
Aroclor 1242	ND		ug/kg	34.6	4.67	1	A
Aroclor 1248	ND		ug/kg	34.6	5.19	1	A
Aroclor 1254	ND		ug/kg	34.6	3.79	1	A
Aroclor 1260	ND		ug/kg	34.6	6.40	1	A
Aroclor 1262	ND		ug/kg	34.6	4.40	1	A
Aroclor 1268	ND		ug/kg	34.6	3.59	1	A
PCBs, Total	ND		ug/kg	34.6	3.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	A
Decachlorobiphenyl	147		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	120		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-19
Client ID: SOIL-SB26
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 10:20
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 22:53
Analyst: AWS
Percent Solids: 53%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	61.1	5.42	1	A
Aroclor 1221	ND		ug/kg	61.1	6.12	1	A
Aroclor 1232	ND		ug/kg	61.1	12.9	1	A
Aroclor 1242	ND		ug/kg	61.1	8.23	1	A
Aroclor 1248	ND		ug/kg	61.1	9.16	1	A
Aroclor 1254	ND		ug/kg	61.1	6.68	1	A
Aroclor 1260	ND		ug/kg	61.1	11.3	1	A
Aroclor 1262	ND		ug/kg	61.1	7.76	1	A
Aroclor 1268	ND		ug/kg	61.1	6.33	1	A
PCBs, Total	ND		ug/kg	61.1	5.42	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	106		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	102		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-20
Client ID: SOIL-CHA-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 14:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 10/14/19 23:05
Analyst: AWS
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.9	3.36	1	A
Aroclor 1221	ND		ug/kg	37.9	3.80	1	A
Aroclor 1232	ND		ug/kg	37.9	8.03	1	A
Aroclor 1242	ND		ug/kg	37.9	5.11	1	A
Aroclor 1248	ND		ug/kg	37.9	5.68	1	A
Aroclor 1254	ND		ug/kg	37.9	4.14	1	A
Aroclor 1260	ND		ug/kg	37.9	7.00	1	A
Aroclor 1262	ND		ug/kg	37.9	4.81	1	A
Aroclor 1268	ND		ug/kg	37.9	3.92	1	A
PCBs, Total	ND		ug/kg	37.9	3.36	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	123		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/14/19 21:00
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 10/13/19 15:58
Cleanup Method: EPA 3665A
Cleanup Date: 10/14/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/14/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-20 Batch: WG1295709-1						
Aroclor 1016	ND		ug/kg	33.3	2.96	A
Aroclor 1221	ND		ug/kg	33.3	3.34	A
Aroclor 1232	ND		ug/kg	33.3	7.06	A
Aroclor 1242	ND		ug/kg	33.3	4.49	A
Aroclor 1248	ND		ug/kg	33.3	5.00	A
Aroclor 1254	ND		ug/kg	33.3	3.64	A
Aroclor 1260	ND		ug/kg	33.3	6.16	A
Aroclor 1262	ND		ug/kg	33.3	4.23	A
Aroclor 1268	ND		ug/kg	33.3	3.45	A
PCBs, Total	ND		ug/kg	33.3	2.96	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	124		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	104		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 59294

Lab Number: L1947917

Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-20 Batch: WG1295709-2 WG1295709-3									
Aroclor 1016	91		92		40-140	1		50	A
Aroclor 1260	98		102		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		93		30-150	A
Decachlorobiphenyl	114		121		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		89		30-150	B
Decachlorobiphenyl	96		99		30-150	B

METALS

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-01
Client ID: SOIL-SB03
Sample Location: SYRACUSE, NY
Date Collected: 10/10/19 11:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 69%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	40.6		mg/kg	0.558	0.116	1	10/15/19 20:26	10/16/19 19:49	EPA 3050B	1,6010D	MC
Barium, Total	104		mg/kg	0.558	0.097	1	10/15/19 20:26	10/16/19 19:49	EPA 3050B	1,6010D	MC
Cadmium, Total	0.899		mg/kg	0.558	0.055	1	10/15/19 20:26	10/16/19 19:49	EPA 3050B	1,6010D	MC
Chromium, Total	17.8		mg/kg	0.558	0.054	1	10/15/19 20:26	10/16/19 19:49	EPA 3050B	1,6010D	MC
Lead, Total	414		mg/kg	2.79	0.150	1	10/15/19 20:26	10/16/19 19:49	EPA 3050B	1,6010D	MC
Mercury, Total	2.00		mg/kg	0.099	0.065	1	10/15/19 17:19	10/16/19 22:15	EPA 7471B	1,7471B	AL
Selenium, Total	4.45		mg/kg	1.12	0.144	1	10/15/19 20:26	10/16/19 19:49	EPA 3050B	1,6010D	MC
Silver, Total	0.586		mg/kg	0.558	0.158	1	10/15/19 20:26	10/16/19 19:49	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-02
Client ID: SOIL-SB04
Sample Location: SYRACUSE, NY
Date Collected: 10/10/19 12:25
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 72%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.55		mg/kg	0.532	0.111	1	10/15/19 20:26	10/16/19 20:16	EPA 3050B	1,6010D	MC
Barium, Total	90.1		mg/kg	0.532	0.093	1	10/15/19 20:26	10/16/19 20:16	EPA 3050B	1,6010D	MC
Cadmium, Total	0.564		mg/kg	0.532	0.052	1	10/15/19 20:26	10/16/19 20:16	EPA 3050B	1,6010D	MC
Chromium, Total	15.3		mg/kg	0.532	0.051	1	10/15/19 20:26	10/16/19 20:16	EPA 3050B	1,6010D	MC
Lead, Total	58.4		mg/kg	2.66	0.143	1	10/15/19 20:26	10/16/19 20:16	EPA 3050B	1,6010D	MC
Mercury, Total	0.484		mg/kg	0.109	0.071	1	10/15/19 17:19	10/16/19 23:18	EPA 7471B	1,7471B	AL
Selenium, Total	0.900	J	mg/kg	1.06	0.137	1	10/15/19 20:26	10/16/19 20:16	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.532	0.151	1	10/15/19 20:26	10/16/19 20:16	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-03
Client ID: SOIL-SB05
Sample Location: SYRACUSE, NY
Date Collected: 10/10/19 13:55
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.24		mg/kg	0.434	0.090	1	10/15/19 20:26	10/16/19 22:32	EPA 3050B	1,6010D	MC
Barium, Total	26.7		mg/kg	0.434	0.076	1	10/15/19 20:26	10/16/19 22:32	EPA 3050B	1,6010D	MC
Cadmium, Total	0.187	J	mg/kg	0.434	0.043	1	10/15/19 20:26	10/16/19 22:32	EPA 3050B	1,6010D	MC
Chromium, Total	5.42		mg/kg	0.434	0.042	1	10/15/19 20:26	10/16/19 22:32	EPA 3050B	1,6010D	MC
Lead, Total	3.77		mg/kg	2.17	0.116	1	10/15/19 20:26	10/16/19 22:32	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.076	0.050	1	10/15/19 17:19	10/16/19 23:21	EPA 7471B	1,7471B	AL
Selenium, Total	0.391	J	mg/kg	0.868	0.112	1	10/15/19 20:26	10/16/19 22:32	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.434	0.123	1	10/15/19 20:26	10/16/19 22:32	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-04
Client ID: SOIL-SB06
Sample Location: SYRACUSE, NY
Date Collected: 10/11/19 13:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 57%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	8.97		mg/kg	0.684	0.142	1	10/15/19 20:26	10/16/19 22:36	EPA 3050B	1,6010D	MC
Barium, Total	44.9		mg/kg	0.684	0.119	1	10/15/19 20:26	10/16/19 22:36	EPA 3050B	1,6010D	MC
Cadmium, Total	0.486	J	mg/kg	0.684	0.067	1	10/15/19 20:26	10/16/19 22:36	EPA 3050B	1,6010D	MC
Chromium, Total	5.13		mg/kg	0.684	0.066	1	10/15/19 20:26	10/16/19 22:36	EPA 3050B	1,6010D	MC
Lead, Total	2.90	J	mg/kg	3.42	0.183	1	10/15/19 20:26	10/16/19 22:36	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.122	0.080	1	10/15/19 17:19	10/16/19 23:24	EPA 7471B	1,7471B	AL
Selenium, Total	1.05	J	mg/kg	1.37	0.176	1	10/15/19 20:26	10/16/19 22:36	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.684	0.194	1	10/15/19 20:26	10/16/19 22:36	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-05
Client ID: SOIL-SB07
Sample Location: SYRACUSE, NY
Date Collected: 10/10/19 09:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.89		mg/kg	0.451	0.094	1	10/15/19 20:26	10/16/19 22:40	EPA 3050B	1,6010D	MC
Barium, Total	47.7		mg/kg	0.451	0.079	1	10/15/19 20:26	10/16/19 22:40	EPA 3050B	1,6010D	MC
Cadmium, Total	0.496		mg/kg	0.451	0.044	1	10/15/19 20:26	10/16/19 22:40	EPA 3050B	1,6010D	MC
Chromium, Total	17.0		mg/kg	0.451	0.043	1	10/15/19 20:26	10/16/19 22:40	EPA 3050B	1,6010D	MC
Lead, Total	30.6		mg/kg	2.26	0.121	1	10/15/19 20:26	10/16/19 22:40	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.082	0.053	1	10/15/19 17:19	10/16/19 23:28	EPA 7471B	1,7471B	AL
Selenium, Total	0.348	J	mg/kg	0.903	0.116	1	10/15/19 20:26	10/16/19 22:40	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.451	0.128	1	10/15/19 20:26	10/16/19 22:40	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-06
Client ID: SOIL-SB08
Sample Location: SYRACUSE, NY
Date Collected: 10/10/19 09:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.22		mg/kg	0.454	0.094	1	10/15/19 20:26	10/16/19 22:45	EPA 3050B	1,6010D	MC
Barium, Total	44.8		mg/kg	0.454	0.079	1	10/15/19 20:26	10/16/19 22:45	EPA 3050B	1,6010D	MC
Cadmium, Total	0.340	J	mg/kg	0.454	0.044	1	10/15/19 20:26	10/16/19 22:45	EPA 3050B	1,6010D	MC
Chromium, Total	12.3		mg/kg	0.454	0.044	1	10/15/19 20:26	10/16/19 22:45	EPA 3050B	1,6010D	MC
Lead, Total	26.4		mg/kg	2.27	0.122	1	10/15/19 20:26	10/16/19 22:45	EPA 3050B	1,6010D	MC
Mercury, Total	0.113		mg/kg	0.091	0.059	1	10/15/19 17:19	10/16/19 23:31	EPA 7471B	1,7471B	AL
Selenium, Total	0.417	J	mg/kg	0.907	0.117	1	10/15/19 20:26	10/16/19 22:45	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.454	0.128	1	10/15/19 20:26	10/16/19 22:45	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-07
Client ID: SOIL-SB09
Sample Location: SYRACUSE, NY
Date Collected: 10/10/19 17:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.15		mg/kg	0.479	0.100	1	10/15/19 20:26	10/16/19 22:49	EPA 3050B	1,6010D	MC
Barium, Total	38.3		mg/kg	0.479	0.083	1	10/15/19 20:26	10/16/19 22:49	EPA 3050B	1,6010D	MC
Cadmium, Total	0.354	J	mg/kg	0.479	0.047	1	10/15/19 20:26	10/16/19 22:49	EPA 3050B	1,6010D	MC
Chromium, Total	11.3		mg/kg	0.479	0.046	1	10/15/19 20:26	10/16/19 22:49	EPA 3050B	1,6010D	MC
Lead, Total	13.6		mg/kg	2.39	0.128	1	10/15/19 20:26	10/16/19 22:49	EPA 3050B	1,6010D	MC
Mercury, Total	0.120		mg/kg	0.086	0.056	1	10/15/19 17:19	10/16/19 23:34	EPA 7471B	1,7471B	AL
Selenium, Total	0.848	J	mg/kg	0.958	0.124	1	10/15/19 20:26	10/16/19 22:49	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.479	0.136	1	10/15/19 20:26	10/16/19 22:49	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-08
Client ID: SOIL-SB10
Sample Location: SYRACUSE, NY
Date Collected: 10/10/19 16:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	10.1		mg/kg	0.440	0.092	1	10/15/19 20:26	10/16/19 22:54	EPA 3050B	1,6010D	MC
Barium, Total	30.8		mg/kg	0.440	0.077	1	10/15/19 20:26	10/16/19 22:54	EPA 3050B	1,6010D	MC
Cadmium, Total	0.502		mg/kg	0.440	0.043	1	10/15/19 20:26	10/16/19 22:54	EPA 3050B	1,6010D	MC
Chromium, Total	14.6		mg/kg	0.440	0.042	1	10/15/19 20:26	10/16/19 22:54	EPA 3050B	1,6010D	MC
Lead, Total	8.31		mg/kg	2.20	0.118	1	10/15/19 20:26	10/16/19 22:54	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.084	0.055	1	10/15/19 17:19	10/16/19 23:37	EPA 7471B	1,7471B	AL
Selenium, Total	0.242	J	mg/kg	0.880	0.114	1	10/15/19 20:26	10/16/19 22:54	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.440	0.124	1	10/15/19 20:26	10/16/19 22:54	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-09
Client ID: SOIL-SB12
Sample Location: SYRACUSE, NY
Date Collected: 10/11/19 14:40
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.82		mg/kg	0.451	0.094	1	10/15/19 20:26	10/16/19 22:58	EPA 3050B	1,6010D	MC
Barium, Total	23.0		mg/kg	0.451	0.079	1	10/15/19 20:26	10/16/19 22:58	EPA 3050B	1,6010D	MC
Cadmium, Total	0.361	J	mg/kg	0.451	0.044	1	10/15/19 20:26	10/16/19 22:58	EPA 3050B	1,6010D	MC
Chromium, Total	9.44		mg/kg	0.451	0.043	1	10/15/19 20:26	10/16/19 22:58	EPA 3050B	1,6010D	MC
Lead, Total	5.90		mg/kg	2.26	0.121	1	10/15/19 20:26	10/16/19 22:58	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.096	0.062	1	10/15/19 17:19	10/16/19 23:41	EPA 7471B	1,7471B	AL
Selenium, Total	2.02		mg/kg	0.903	0.116	1	10/15/19 20:26	10/16/19 22:58	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.451	0.128	1	10/15/19 20:26	10/16/19 22:58	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-10
Client ID: SOIL-SB14
Sample Location: SYRACUSE, NY
Date Collected: 10/10/19 15:50
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 47%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.77		mg/kg	0.834	0.173	1	10/15/19 20:26	10/16/19 23:02	EPA 3050B	1,6010D	MC
Barium, Total	89.3		mg/kg	0.834	0.145	1	10/15/19 20:26	10/16/19 23:02	EPA 3050B	1,6010D	MC
Cadmium, Total	0.400	J	mg/kg	0.834	0.082	1	10/15/19 20:26	10/16/19 23:02	EPA 3050B	1,6010D	MC
Chromium, Total	11.9		mg/kg	0.834	0.080	1	10/15/19 20:26	10/16/19 23:02	EPA 3050B	1,6010D	MC
Lead, Total	6.54		mg/kg	4.17	0.223	1	10/15/19 20:26	10/16/19 23:02	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.161	0.105	1	10/15/19 17:19	10/16/19 23:44	EPA 7471B	1,7471B	AL
Selenium, Total	1.29	J	mg/kg	1.67	0.215	1	10/15/19 20:26	10/16/19 23:02	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.834	0.236	1	10/15/19 20:26	10/16/19 23:02	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-11
Client ID: SOIL-SB15
Sample Location: SYRACUSE, NY
Date Collected: 10/10/19 15:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.28		mg/kg	0.461	0.096	1	10/15/19 20:26	10/16/19 23:57	EPA 3050B	1,6010D	MC
Barium, Total	30.8		mg/kg	0.461	0.080	1	10/15/19 20:26	10/16/19 23:57	EPA 3050B	1,6010D	MC
Cadmium, Total	0.249	J	mg/kg	0.461	0.045	1	10/15/19 20:26	10/16/19 23:57	EPA 3050B	1,6010D	MC
Chromium, Total	6.72		mg/kg	0.461	0.044	1	10/15/19 20:26	10/16/19 23:57	EPA 3050B	1,6010D	MC
Lead, Total	24.0		mg/kg	2.30	0.124	1	10/15/19 20:26	10/16/19 23:57	EPA 3050B	1,6010D	MC
Mercury, Total	0.073	J	mg/kg	0.085	0.056	1	10/15/19 17:19	10/16/19 23:47	EPA 7471B	1,7471B	AL
Selenium, Total	0.387	J	mg/kg	0.922	0.119	1	10/15/19 20:26	10/16/19 23:57	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.461	0.130	1	10/15/19 20:26	10/16/19 23:57	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-12
Client ID: SOIL-SB16
Sample Location: SYRACUSE, NY
Date Collected: 10/10/19 14:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.07		mg/kg	0.490	0.102	1	10/15/19 20:26	10/17/19 00:02	EPA 3050B	1,6010D	MC
Barium, Total	66.4		mg/kg	0.490	0.085	1	10/15/19 20:26	10/17/19 00:02	EPA 3050B	1,6010D	MC
Cadmium, Total	0.304	J	mg/kg	0.490	0.048	1	10/15/19 20:26	10/17/19 00:02	EPA 3050B	1,6010D	MC
Chromium, Total	14.3		mg/kg	0.490	0.047	1	10/15/19 20:26	10/17/19 00:02	EPA 3050B	1,6010D	MC
Lead, Total	12.0		mg/kg	2.45	0.131	1	10/15/19 20:26	10/17/19 00:02	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.093	0.061	1	10/15/19 17:19	10/16/19 23:57	EPA 7471B	1,7471B	AL
Selenium, Total	0.495	J	mg/kg	0.980	0.126	1	10/15/19 20:26	10/17/19 00:02	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.490	0.139	1	10/15/19 20:26	10/17/19 00:02	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-13
Client ID: SOIL-SB17
Sample Location: SYRACUSE, NY
Date Collected: 10/11/19 08:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.65		mg/kg	0.456	0.095	1	10/15/19 20:26	10/17/19 00:06	EPA 3050B	1,6010D	MC
Barium, Total	32.1		mg/kg	0.456	0.079	1	10/15/19 20:26	10/17/19 00:06	EPA 3050B	1,6010D	MC
Cadmium, Total	0.128	J	mg/kg	0.456	0.045	1	10/15/19 20:26	10/17/19 00:06	EPA 3050B	1,6010D	MC
Chromium, Total	4.57		mg/kg	0.456	0.044	1	10/15/19 20:26	10/17/19 00:06	EPA 3050B	1,6010D	MC
Lead, Total	2.59		mg/kg	2.28	0.122	1	10/15/19 20:26	10/17/19 00:06	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.072	0.047	1	10/16/19 04:00	10/16/19 14:44	EPA 7471B	1,7471B	GD
Selenium, Total	0.246	J	mg/kg	0.912	0.118	1	10/15/19 20:26	10/17/19 00:06	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.456	0.129	1	10/15/19 20:26	10/17/19 00:06	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-14
Client ID: SOIL-SB18
Sample Location: SYRACUSE, NY
Date Collected: 10/11/19 11:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.31		mg/kg	0.524	0.109	1	10/15/19 20:26	10/17/19 00:10	EPA 3050B	1,6010D	MC
Barium, Total	29.2		mg/kg	0.524	0.091	1	10/15/19 20:26	10/17/19 00:10	EPA 3050B	1,6010D	MC
Cadmium, Total	0.304	J	mg/kg	0.524	0.051	1	10/15/19 20:26	10/17/19 00:10	EPA 3050B	1,6010D	MC
Chromium, Total	6.53		mg/kg	0.524	0.050	1	10/15/19 20:26	10/17/19 00:10	EPA 3050B	1,6010D	MC
Lead, Total	3.52		mg/kg	2.62	0.140	1	10/15/19 20:26	10/17/19 00:10	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.086	0.056	1	10/16/19 04:00	10/16/19 14:54	EPA 7471B	1,7471B	GD
Selenium, Total	0.503	J	mg/kg	1.05	0.135	1	10/15/19 20:26	10/17/19 00:10	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.524	0.148	1	10/15/19 20:26	10/17/19 00:10	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-15
Client ID: SOIL-SB19
Sample Location: SYRACUSE, NY
Date Collected: 10/11/19 10:40
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.16		mg/kg	0.408	0.085	1	10/15/19 20:26	10/17/19 00:15	EPA 3050B	1,6010D	MC
Barium, Total	44.7		mg/kg	0.408	0.071	1	10/15/19 20:26	10/17/19 00:15	EPA 3050B	1,6010D	MC
Cadmium, Total	0.118	J	mg/kg	0.408	0.040	1	10/15/19 20:26	10/17/19 00:15	EPA 3050B	1,6010D	MC
Chromium, Total	3.42		mg/kg	0.408	0.039	1	10/15/19 20:26	10/17/19 00:15	EPA 3050B	1,6010D	MC
Lead, Total	2.61		mg/kg	2.04	0.109	1	10/15/19 20:26	10/17/19 00:15	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.067	0.044	1	10/16/19 04:00	10/16/19 14:58	EPA 7471B	1,7471B	GD
Selenium, Total	0.359	J	mg/kg	0.816	0.105	1	10/15/19 20:26	10/17/19 00:15	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.408	0.116	1	10/15/19 20:26	10/17/19 00:15	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-16
Client ID: SOIL-SB20
Sample Location: SYRACUSE, NY
Date Collected: 10/11/19 09:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 71%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.74		mg/kg	0.567	0.118	1	10/15/19 20:26	10/17/19 00:19	EPA 3050B	1,6010D	MC
Barium, Total	81.2		mg/kg	0.567	0.099	1	10/15/19 20:26	10/17/19 00:19	EPA 3050B	1,6010D	MC
Cadmium, Total	0.312	J	mg/kg	0.567	0.056	1	10/15/19 20:26	10/17/19 00:19	EPA 3050B	1,6010D	MC
Chromium, Total	17.4		mg/kg	0.567	0.055	1	10/15/19 20:26	10/17/19 00:19	EPA 3050B	1,6010D	MC
Lead, Total	8.35		mg/kg	2.84	0.152	1	10/15/19 20:26	10/17/19 00:19	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.089	0.058	1	10/16/19 04:00	10/16/19 15:01	EPA 7471B	1,7471B	GD
Selenium, Total	0.840	J	mg/kg	1.13	0.146	1	10/15/19 20:26	10/17/19 00:19	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.567	0.160	1	10/15/19 20:26	10/17/19 00:19	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-17
Client ID: SOIL-SB21
Sample Location: SYRACUSE, NY
Date Collected: 10/11/19 11:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 55%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.497	J	mg/kg	0.720	0.150	1	10/15/19 20:26	10/17/19 00:24	EPA 3050B	1,6010D	MC
Barium, Total	51.8		mg/kg	0.720	0.125	1	10/15/19 20:26	10/17/19 00:24	EPA 3050B	1,6010D	MC
Cadmium, Total	0.173	J	mg/kg	0.720	0.071	1	10/15/19 20:26	10/17/19 00:24	EPA 3050B	1,6010D	MC
Chromium, Total	3.36		mg/kg	0.720	0.069	1	10/15/19 20:26	10/17/19 00:24	EPA 3050B	1,6010D	MC
Lead, Total	2.34	J	mg/kg	3.60	0.193	1	10/15/19 20:26	10/17/19 00:24	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.114	0.075	1	10/16/19 04:00	10/16/19 15:04	EPA 7471B	1,7471B	GD
Selenium, Total	1.09	J	mg/kg	1.44	0.186	1	10/15/19 20:26	10/17/19 00:24	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.720	0.204	1	10/15/19 20:26	10/17/19 00:24	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-18
Client ID: SOIL-SB22
Sample Location: SYRACUSE, NY
Date Collected: 10/11/19 10:05
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.53		mg/kg	0.429	0.089	1	10/15/19 20:26	10/17/19 00:28	EPA 3050B	1,6010D	MC
Barium, Total	57.3		mg/kg	0.429	0.075	1	10/15/19 20:26	10/17/19 00:28	EPA 3050B	1,6010D	MC
Cadmium, Total	0.206	J	mg/kg	0.429	0.042	1	10/15/19 20:26	10/17/19 00:28	EPA 3050B	1,6010D	MC
Chromium, Total	18.9		mg/kg	0.429	0.041	1	10/15/19 20:26	10/17/19 00:28	EPA 3050B	1,6010D	MC
Lead, Total	44.8		mg/kg	2.15	0.115	1	10/15/19 20:26	10/17/19 00:28	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.069	0.045	1	10/16/19 04:00	10/16/19 15:08	EPA 7471B	1,7471B	GD
Selenium, Total	0.408	J	mg/kg	0.858	0.111	1	10/15/19 20:26	10/17/19 00:28	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.429	0.121	1	10/15/19 20:26	10/17/19 00:28	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-19
Client ID: SOIL-SB26
Sample Location: SYRACUSE, NY
Date Collected: 10/10/19 10:20
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 53%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	11.0		mg/kg	0.723	0.150	1	10/15/19 20:26	10/17/19 00:33	EPA 3050B	1,6010D	MC
Barium, Total	97.2		mg/kg	0.723	0.126	1	10/15/19 20:26	10/17/19 00:33	EPA 3050B	1,6010D	MC
Cadmium, Total	0.571	J	mg/kg	0.723	0.071	1	10/15/19 20:26	10/17/19 00:33	EPA 3050B	1,6010D	MC
Chromium, Total	18.9		mg/kg	0.723	0.069	1	10/15/19 20:26	10/17/19 00:33	EPA 3050B	1,6010D	MC
Lead, Total	60.0		mg/kg	3.61	0.194	1	10/15/19 20:26	10/17/19 00:33	EPA 3050B	1,6010D	MC
Mercury, Total	1.00		mg/kg	0.118	0.077	1	10/16/19 04:00	10/16/19 15:11	EPA 7471B	1,7471B	GD
Selenium, Total	1.42	J	mg/kg	1.44	0.186	1	10/15/19 20:26	10/17/19 00:33	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.723	0.204	1	10/15/19 20:26	10/17/19 00:33	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-20
Client ID: SOIL-CHA-DUP001
Sample Location: SYRACUSE, NY
Date Collected: 10/11/19 14:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.78		mg/kg	0.450	0.094	1	10/15/19 20:26	10/17/19 19:47	EPA 3050B	1,6010D	MC
Barium, Total	67.4		mg/kg	0.450	0.078	1	10/15/19 20:26	10/17/19 00:59	EPA 3050B	1,6010D	MC
Cadmium, Total	0.225	J	mg/kg	0.450	0.044	1	10/15/19 20:26	10/17/19 00:59	EPA 3050B	1,6010D	MC
Chromium, Total	8.12		mg/kg	0.450	0.043	1	10/15/19 20:26	10/17/19 00:59	EPA 3050B	1,6010D	MC
Lead, Total	4.97		mg/kg	2.25	0.120	1	10/15/19 20:26	10/17/19 19:47	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.073	0.047	1	10/16/19 04:00	10/16/19 15:14	EPA 7471B	1,7471B	GD
Selenium, Total	0.256	J	mg/kg	0.899	0.116	1	10/15/19 20:26	10/17/19 00:59	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.450	0.127	1	10/15/19 20:26	10/17/19 00:59	EPA 3050B	1,6010D	MC

Project Name: JMA WIRELESS **Lab Number:** L1947917

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-12 Batch: WG1296514-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/15/19 17:19	10/16/19 22:08	1,7471B	AL

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1296602-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	10/15/19 20:26	10/16/19 19:37	1,6010D	MC
Barium, Total	ND		mg/kg	0.400	0.070	1	10/15/19 20:26	10/16/19 19:37	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	10/15/19 20:26	10/16/19 19:37	1,6010D	MC
Chromium, Total	ND		mg/kg	0.400	0.038	1	10/15/19 20:26	10/16/19 19:37	1,6010D	MC
Lead, Total	ND		mg/kg	2.00	0.107	1	10/15/19 20:26	10/16/19 19:37	1,6010D	MC
Selenium, Total	ND		mg/kg	0.800	0.103	1	10/15/19 20:26	10/16/19 19:37	1,6010D	MC
Silver, Total	ND		mg/kg	0.400	0.113	1	10/15/19 20:26	10/16/19 19:37	1,6010D	MC

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 13-20 Batch: WG1296690-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	10/16/19 04:00	10/16/19 11:52	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 Batch: WG1296514-2 SRM Lot Number: D105-540								
Mercury, Total	96		-		60-141	-		
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1296602-2 SRM Lot Number: D105-540								
Arsenic, Total	103		-		70-130	-		
Barium, Total	95		-		75-125	-		
Cadmium, Total	96		-		75-125	-		
Chromium, Total	92		-		70-130	-		
Lead, Total	94		-		71-128	-		
Selenium, Total	96		-		63-137	-		
Silver, Total	94		-		69-131	-		
Total Metals - Mansfield Lab Associated sample(s): 13-20 Batch: WG1296690-2 SRM Lot Number: D105-540								
Mercury, Total	92		-		60-141	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947917
Report Date: 10/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1296514-3 QC Sample: L1947917-01 Client ID: SOIL-SB03												
Mercury, Total	2.00	0.235	4.58	**1100**	Q	-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1296602-3 QC Sample: L1947917-01 Client ID: SOIL-SB03												
Arsenic, Total	40.6	13.5	39.4	**0**	Q	-	-		75-125	-		20
Barium, Total	104	225	294	84		-	-		75-125	-		20
Cadmium, Total	0.899	5.74	6.00	89		-	-		75-125	-		20
Chromium, Total	17.8	22.5	31.5	**61**	Q	-	-		75-125	-		20
Lead, Total	414	57.4	918	**878**	Q	-	-		75-125	-		20
Selenium, Total	4.45	13.5	16.5	89		-	-		75-125	-		20
Silver, Total	0.586	33.8	34.3	100		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 13-20 QC Batch ID: WG1296690-3 QC Sample: L1948098-01 Client ID: MS Sample												
Mercury, Total	ND	0.143	0.156	109		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 59294

Lab Number: L1947917

Report Date: 10/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-12 QC Batch ID: WG1296514-4 QC Sample: L1947917-01 Client ID: SOIL-SB03						
Mercury, Total	2.00	2.16	mg/kg	8		20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1296602-4 QC Sample: L1947917-01 Client ID: SOIL-SB03						
Arsenic, Total	40.6	29.6	mg/kg	**31**	Q	20
Barium, Total	104	90.5	mg/kg	14		20
Cadmium, Total	0.899	0.877	mg/kg	2		20
Chromium, Total	17.8	18.1	mg/kg	2		20
Lead, Total	414	366	mg/kg	12		20
Selenium, Total	4.45	3.02	mg/kg	**38**	Q	20
Silver, Total	0.586	1.22	mg/kg	**70**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 13-20 QC Batch ID: WG1296690-4 QC Sample: L1948098-01 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-01
Client ID: SOIL-SB03
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 11:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	69.4		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-02
Client ID: SOIL-SB04
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 12:25
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	71.7		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-03
Client ID: SOIL-SB05
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 13:55
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-04
Client ID: SOIL-SB06
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 13:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	57.1		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-05
Client ID: SOIL-SB07
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 09:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.3		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-06
Client ID: SOIL-SB08
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 09:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-07
Client ID: SOIL-SB09
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 17:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.1		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-08
Client ID: SOIL-SB10
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 16:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-09
Client ID: SOIL-SB12
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 14:40
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-10
Client ID: SOIL-SB14
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 15:50
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	46.5		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-11
Client ID: SOIL-SB15
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 15:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.1		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-12
Client ID: SOIL-SB16
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 14:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.6		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-13
Client ID: SOIL-SB17
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 08:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.0		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-14
Client ID: SOIL-SB18
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 11:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	72.8		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-15
Client ID: SOIL-SB19
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:40
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.5		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-16
Client ID: SOIL-SB20
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	70.5		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-17
Client ID: SOIL-SB21
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 11:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	54.7		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-18
Client ID: SOIL-SB22
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:05
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-19
Client ID: SOIL-SB26
Sample Location: SYRACUSE, NY

Date Collected: 10/10/19 10:20
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	53.2		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947917-20
Client ID: SOIL-CHA-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 14:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.9		%	0.100	NA	1	-	10/12/19 09:41	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 59294

Lab Number: L1947917

Report Date: 10/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG1295449-1 QC Sample: L1947917-02 Client ID: SOIL-SB04						
Solids, Total	71.7	71.9	%	0		20

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947917-01A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-01B	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-01C	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-01D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L1947917-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L1947917-01F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-02A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-02B	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-02C	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-02D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L1947917-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L1947917-02F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-03A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-03B	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-03C	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-03D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L1947917-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947917-03F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-04A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947917-04B	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-04C	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-04D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L1947917-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947917-04F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-05A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-05B	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-05C	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-05D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L1947917-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947917-05F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-06A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-06B	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-06C	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-06D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L1947917-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947917-06F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-07A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-07B	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-07C	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-07D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L1947917-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L1947917-07F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-08A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-08B	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947917-08C	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-08D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L1947917-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947917-08F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-09A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-09B	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-09C	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-09D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L1947917-09E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L1947917-09F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-10A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-10B	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-10C	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-10D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L1947917-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947917-10F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-11A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-11B	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-11C	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-11D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L1947917-11E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947917-11F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-12A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-12B	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-12C	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947917-12D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L1947917-12E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L1947917-12F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-13A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-13B	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-13C	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-13D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L1947917-13E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947917-13F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-14A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-14B	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-14C	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-14D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L1947917-14E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L1947917-14F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-14X	Vial Water preserved split	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-15A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-15B	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-15C	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-15D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L1947917-15E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L1947917-15F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-16A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-16B	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-16C	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947917-16D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L1947917-16E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947917-16F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-16X	Vial Water preserved split	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-17A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-17B	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-17C	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-17D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L1947917-17E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L1947917-17F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-17X	Vial Water preserved split	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-18A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-18B	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-18C	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-18D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L1947917-18E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L1947917-18F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-19A	Vial MeOH preserved	A	NA		4.0	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-19B	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-19C	Vial water preserved	A	NA		4.0	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-19D	Plastic 2oz unpreserved for TS	A	NA		4.0	Y	Absent		TS(7)
L1947917-19E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		4.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L1947917-19F	Glass 250ml/8oz unpreserved	A	NA		4.0	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L1947917-20A	Vial MeOH preserved	B	NA		3.2	Y	Absent		NYTCL-8260HLW-R2(14)
L1947917-20B	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947917
Report Date: 10/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947917-20C	Vial water preserved	B	NA		3.2	Y	Absent	12-OCT-19 05:52	NYTCL-8260HLW-R2(14)
L1947917-20D	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L1947917-20E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947917-20F	Glass 250ml/8oz unpreserved	B	NA		3.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	JMA WIRELESS	**Lab Number:**	L1947917
Project Number:	59294	**Report Date:**	10/18/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	JMA WIRELESS	**Lab Number:**	L1947917
Project Number:	59294	**Report Date:**	10/18/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name: JMA WIRELESS **Lab Number:** L1947917
Project Number: 59294 **Report Date:** 10/18/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 3

Date Rec'd in Lab: 10/12/19

ALPHA Job #: L1947917

Client Information
Client: CHA
Address: 300 S. State St Ste 600 Syracuse, NY 13202
Phone: 315 257 7154
Fax:
Email: smiller@cheacompanies.com

Project Information
Project Name: JMA Wireless
Project Location: Syracuse, NY
Project #: 59294
(Use Project name as Project #) ☐
Project Manager: L. Cassalia
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260/5035	SVOCs 8270	RCRA 8 Metals	TS	TCL PCBs				Sample Specific Comments	Total Bottles
	~~SOIL-SB01~~					x	x	x	x	x					6
	~~SOIL-SB02~~														6
47917 - 01	SOIL-SB03	10/10/2019	1130	Soil	SM	x	x	x	x	x					6
-02	SOIL-SB04	10/10/2019	1325	Soil	SM	x	x	x	x	x					6
-03	SOIL-SB05	10/10/2019	1355	Soil	SM	x	x	x	x	x					6
-04	SOIL-SB06	10/10/2019	1315	Soil	SM	x	x	x	x	x					6
-05	SOIL-SB07	10/10/2019	0900	Soil	SM	x	x	x	x	x					6
-06	SOIL-SB08	10/10/2019	0930	Soil	SM	x	x	x	x	x					6
-07	SOIL-SB09	10/10/2019	1700	Soil	SM	x	x	x	x	x					6
-08	SOIL-SB10	10/10/2019	1630	Soil	SM	x	x	x	x	x					6
					Container Type	V	A	A	P	A					
					Preservative	F/O	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Samantha Miller	10/11/2019 1610	ALPHA Mela Rodriguez	10/11/19 1835
Mela Rodriguez	10/11/19 1835		10/12/19 01:25

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 3

Date Rec'd in Lab: 10/12/19

ALPHA Job #: L1947917

Client Information

Client: CHA
Address: 300 S State St, Suite 100, Syracuse, NY 13202
Phone: 3152577154
Fax:
Email: smiller@chacompanies.com

Project Information

Project Name: JMA Wireless
Project Location: Syracuse, NY
Project #: 59294
(Use Project name as Project #) ☐
Project Manager: L. Cassalia
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 5035/5035	TCLSVOCs 8270	RCRA 8 Metals	TS	TCL PCBs				Sample Specific Comments	Total Bottles
	~~SOIL-SB11~~			~~Soil~~											6
47917-09	SOIL-SB12	10/11/2019	1440	Soil	SM	6	X	X	X	X					6
	~~SOIL-SB13~~														6
-10	SOIL-SB14	10/10/2019	1550	Soil	SM	X	X	X	X	X					6
-11	SOIL-SB15	10/10/2019	1500	Soil	SM	X	X	X	X	X					6
-12	SOIL-SB16	10/10/2019	1435	Soil	SM	X	X	X	X	X					6
-13	SOIL-SB17	10/11/2019	0845	Soil	SM	X	X	X	X	X					6
-14	SOIL-SB18	10/11/2019	1115	Soil	SM	X	X	X	X	X					6
-15	SOIL-SB19	10/11/2019	1040	Soil	SM	X	X	X	X	X					6
-16	SOIL-SB20	10/11/2019	0915	Soil	SM	X	X	X	X	X					6
				Container Type		V	A	A	P	A					
				Preservative		F/O	A	A	A	A					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Samantha Ashton	10/11/2019 1610	ALPHA	10/11/19 1835
[illegible]	10/11/19 1835		

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
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FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Date Rec'd in Lab: 10/12/19

ALPHA Job #: L1947917

Client Information

Client: CHA
Address: 300 S. State St Ste 600 Syracuse NY 13202
Phone: 315 257 7154
Fax:
Email: smiller@cheacompanies.com

Project Information

Project Name: JMA Wireless
Project Location: Syracuse, NY
Project #: 59294
(Use Project name as Project #) ☐
Project Manager: L. Cassalia
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs 8260/5035	SVOCs	RCRA 8 Metals	TS	TCL PFAS				Sample Specific Comments	Total # Bottles
47917-17	SOIL-SB21	10/11/2019	1145	Soil	SM	X	X	X	X	X					6
-18	SOIL-SB22	10/11/2019	1005	Soil	SM	X	X	X	X	X					6
	~~SOIL-SB23~~	~~10/11~~		~~Soil~~	~~SM~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~					6
	~~SOIL-SB24~~			~~Soil~~	~~SM~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~					6
	~~SOIL-SB25~~			~~Soil~~	~~SM~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~					6
-19	SOIL-SB26	10/10/2019	1020	Soil	SM	X	X	X	X	X					6
-20	SOIL-CHA-DUP001	10/11/2019	1400	Soil	SM	X	X	X	X	X					6
	~~SOIL-CHA-MS001~~			~~Soil~~	~~SM~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~					6
	~~SOIL-CHA-MSD001~~			~~Soil~~	~~SM~~	~~X~~	~~X~~	~~X~~	~~X~~	~~X~~					6

Container Type	V	A	A	P	A			
Preservative	F/O	A	A	A	A			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Samantha Miller	10/11/2019 1610	BAL Michele Rodgers	10/11/19 1835
Michele Rodgers	10/11/19 1835	[signature]	10/12/19 01:25

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1947913
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	L. Cassalia
Phone:	(315) 257-7154
Project Name:	JMA WIRELESS
Project Number:	59294
Report Date:	10/18/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1947913-01	GW-SB03	WATER	SYRACUSE, NY	10/11/19 10:15	10/11/19
L1947913-02	GW-SB14	WATER	SYRACUSE, NY	10/11/19 09:30	10/11/19
L1947913-03	GW-SB20	WATER	SYRACUSE, NY	10/11/19 10:45	10/11/19
L1947913-04	GW-CHA-DUP001	WATER	SYRACUSE, NY	10/11/19 09:45	10/11/19
L1947913-05	TRIP BLANK	WATER	SYRACUSE, NY	10/11/19 00:00	10/11/19

Project Name:	JMA WIRELESS	**Lab Number:**	L1947913
Project Number:	59294	**Report Date:**	10/18/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: JMA WIRELESS **Lab Number:** L1947913
Project Number: 59294 **Report Date:** 10/18/19

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L1947913-01, -02, and -04: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO3 to a pH <2.

L1947913-03: The sample was received above the appropriate pH for the Total Metals analysis. The laboratory added additional HNO3; however, the pH would not adjust into the proper range.

Volatile Organics

L1947913-05: The Trip Blank has a result for acetone present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1297889-6 MS/MSD recoveries, performed on L1947913-02, are outside the acceptance criteria for vinyl chloride (600%/400%) and cis-1,2-dichloroethene (220%/170%). The unacceptable percent recoveries are attributed to the elevated concentrations of target compounds present in the native sample.

Total Metals

L1947913-02 and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the prep dilution required by the sample matrix.

The WG1297082-7/-8 MS/MSD recoveries, performed on L1947913-02, are outside the acceptance criteria for arsenic (130%/131%) and selenium (126%/128%). A post digestion spike was performed and was within acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 10/18/19

ORGANICS

VOLATILES

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-01
Client ID: GW-SB03
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/19 03:58
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-01 Date Collected: 10/11/19 10:15

Client ID: GW-SB03 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.3		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	94		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-02
Client ID: GW-SB14
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/19 04:24
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.68		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	220	E	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	3.2		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-02 Date Collected: 10/11/19 09:30

Client ID: GW-SB14 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	24		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	9.8		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.97	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-02 D
Client ID: GW-SB14
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/19 11:36
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Vinyl chloride	160		ug/l	4.0	0.28	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	98		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-03
Client ID: GW-SB20
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/19 04:50
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.64		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.5		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	2.3	J	ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-03 Date Collected: 10/11/19 10:45

Client ID: GW-SB20 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	18		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	0.47	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-04
Client ID: GW-CHA-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/19 05:16
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-04 Date Collected: 10/11/19 09:45

Client ID: GW-CHA-DUP001 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.7	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	97		70-130

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-05
Client ID: TRIP BLANK
Sample Location: SYRACUSE, NY
Date Collected: 10/11/19 00:00
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 10/18/19 05:43
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-05 Date Collected: 10/11/19 00:00

Client ID: TRIP BLANK Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.3		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947913
Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 21:24
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1297889-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 21:24
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1297889-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/17/19 21:24
Analyst: PK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-05 Batch: WG1297889-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Project Name: JMA WIRELESS **Lab Number:** L1947913
Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/19 10:02
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1297967-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/19 10:02
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1297967-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 10/18/19 10:02
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1297967-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1297889-3 WG1297889-4								
Methylene chloride	99		100		70-130	1		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	110		120		70-130	9		20
Dibromochloromethane	81		87		63-130	7		20
1,1,2-Trichloroethane	86		91		70-130	6		20
Tetrachloroethene	92		96		70-130	4		20
Chlorobenzene	99		100		75-130	1		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		110		70-130	10		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	95		96		67-130	1		20
trans-1,3-Dichloropropene	83		86		70-130	4		20
cis-1,3-Dichloropropene	90		92		70-130	2		20
Bromoform	75		78		54-136	4		20
1,1,2,2-Tetrachloroethane	90		93		67-130	3		20
Benzene	100		110		70-130	10		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	**140**	Q	**140**	Q	64-130	0		20
Bromomethane	42		52		39-139	**21**	Q	20
Vinyl chloride	130		140		55-140	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1297889-3 WG1297889-4								
Chloroethane	130		130		55-138	0		20
1,1-Dichloroethene	100		110		61-145	10		20
trans-1,2-Dichloroethene	96		98		70-130	2		20
Trichloroethene	100		110		70-130	10		20
1,2-Dichlorobenzene	96		100		70-130	4		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	90		99		63-130	10		20
p/m-Xylene	100		105		70-130	5		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	110		110		36-147	0		20
Acetone	100		100		58-148	0		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	110		110		63-138	0		20
4-Methyl-2-pentanone	93		96		59-130	3		20
2-Hexanone	99		100		57-130	1		20
Bromochloromethane	93		95		70-130	2		20
1,2-Dibromoethane	81		84		70-130	4		20
1,2-Dibromo-3-chloropropane	78		81		41-144	4		20
Isopropylbenzene	110		120		70-130	9		20
1,2,3-Trichlorobenzene	88		90		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 Batch: WG1297889-3 WG1297889-4								
1,2,4-Trichlorobenzene	91		92		70-130	1		20
Methyl Acetate	120		130		70-130	8		20
Cyclohexane	**140**	Q	**140**	Q	70-130	0		20
1,4-Dioxane	84		92		56-162	9		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		107		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	104		101		70-130
Dibromofluoromethane	99		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1297967-3 WG1297967-4								
Methylene chloride	89		89		70-130	0		20
1,1-Dichloroethane	96		96		70-130	0		20
Chloroform	95		97		70-130	2		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	92		91		70-130	1		20
Dibromochloromethane	87		87		63-130	0		20
1,1,2-Trichloroethane	91		90		70-130	1		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	99		98		75-130	1		20
Trichlorofluoromethane	100		100		62-150	0		20
1,2-Dichloroethane	83		83		70-130	0		20
1,1,1-Trichloroethane	96		96		67-130	0		20
Bromodichloromethane	88		87		67-130	1		20
trans-1,3-Dichloropropene	87		85		70-130	2		20
cis-1,3-Dichloropropene	87		88		70-130	1		20
Bromoform	94		94		54-136	0		20
1,1,2,2-Tetrachloroethane	97		95		67-130	2		20
Benzene	96		96		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	97		96		64-130	1		20
Bromomethane	110		100		39-139	10		20
Vinyl chloride	110		110		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1297967-3 WG1297967-4								
Chloroethane	100		110		55-138	10		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	92		92		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	98		97		70-130	1		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		99		70-130	1		20
Methyl tert butyl ether	88		85		63-130	3		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	140		130		36-147	7		20
Acetone	95		93		58-148	2		20
Carbon disulfide	94		94		51-130	0		20
2-Butanone	99		96		63-138	3		20
4-Methyl-2-pentanone	88		86		59-130	2		20
2-Hexanone	88		84		57-130	5		20
Bromochloromethane	97		96		70-130	1		20
1,2-Dibromoethane	93		92		70-130	1		20
1,2-Dibromo-3-chloropropane	85		84		41-144	1		20
Isopropylbenzene	120		110		70-130	9		20
1,2,3-Trichlorobenzene	76		74		70-130	3		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1297967-3 WG1297967-4								
1,2,4-Trichlorobenzene	82		80		70-130	2		20
Methyl Acetate	93		91		70-130	2		20
Cyclohexane	100		100		70-130	0		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	120		110		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		88		70-130
Toluene-d8	97		97		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	98		98		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1297889-6 WG1297889-7 QC Sample: L1947913-02 Client ID: GW-SB14												
Methylene chloride	ND	10	11	110		11	110		70-130	0		20
1,1-Dichloroethane	ND	10	14	**140**	Q	14	**140**	Q	70-130	0		20
Chloroform	ND	10	12	120		12	120		70-130	0		20
Carbon tetrachloride	ND	10	12	120		12	120		63-132	0		20
1,2-Dichloropropane	ND	10	12	120		12	120		70-130	0		20
Dibromochloromethane	ND	10	8.6	86		8.6	86		63-130	0		20
1,1,2-Trichloroethane	ND	10	9.4	94		9.1	91		70-130	3		20
Tetrachloroethene	ND	10	10	100		9.6	96		70-130	4		20
Chlorobenzene	ND	10	11	110		10	100		75-130	10		20
Trichlorofluoromethane	ND	10	12	120		12	120		62-150	0		20
1,2-Dichloroethane	ND	10	11	110		11	110		70-130	0		20
1,1,1-Trichloroethane	ND	10	13	130		12	120		67-130	8		20
Bromodichloromethane	ND	10	10	100		10	100		67-130	0		20
trans-1,3-Dichloropropene	ND	10	8.0	80		7.5	75		70-130	6		20
cis-1,3-Dichloropropene	ND	10	9.1	91		8.6	86		70-130	6		20
Bromoform	ND	10	7.8	78		7.4	74		54-136	5		20
1,1,2,2-Tetrachloroethane	ND	10	9.4	94		9.1	91		67-130	3		20
Benzene	0.68	10	13	123		12	113		70-130	8		20
Toluene	ND	10	12	120		11	110		70-130	9		20
Ethylbenzene	ND	10	11	110		11	110		70-130	0		20
Chloromethane	ND	10	16	**160**	Q	16	**160**	Q	64-130	0		20
Bromomethane	ND	10	4.1	41		4.9	49		39-139	18		20
Vinyl chloride	220E	10	280E	**600**	Q	260E	**400**	Q	55-140	7		20

Matrix Spike Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1297889-6 WG1297889-7 QC Sample: L1947913-02 Client ID: GW-SB14												
Chloroethane	ND	10	15	**150**	Q	15	**150**	Q	55-138	0		20
1,1-Dichloroethene	ND	10	12	120		11	110		61-145	9		20
trans-1,2-Dichloroethene	3.2	10	14	108		13	98		70-130	7		20
Trichloroethene	ND	10	11	110		10	100		70-130	10		20
1,2-Dichlorobenzene	ND	10	9.9	99		9.2	92		70-130	7		20
1,3-Dichlorobenzene	ND	10	10	100		9.6	96		70-130	4		20
1,4-Dichlorobenzene	ND	10	10	100		9.6	96		70-130	4		20
Methyl tert butyl ether	ND	10	9.9	99		9.7	97		63-130	2		20
p/m-Xylene	ND	20	23	115		21	105		70-130	9		20
o-Xylene	ND	20	23	115		21	105		70-130	9		20
cis-1,2-Dichloroethene	24	10	46	**220**	Q	41	**170**	Q	70-130	11		20
Styrene	ND	20	20	100		19	95		70-130	5		20
Dichlorodifluoromethane	ND	10	12	120		12	120		36-147	0		20
Acetone	9.8	10	14	**42**	Q	20	102		58-148	**35**	Q	20
Carbon disulfide	ND	10	12	120		12	120		51-130	0		20
2-Butanone	ND	10	12	120		13	130		63-138	8		20
4-Methyl-2-pentanone	ND	10	9.6	96		9.5	95		59-130	1		20
2-Hexanone	ND	10	10	100		10	100		57-130	0		20
Bromochloromethane	ND	10	9.9	99		9.6	96		70-130	3		20
1,2-Dibromoethane	ND	10	8.3	83		7.9	79		70-130	5		20
1,2-Dibromo-3-chloropropane	ND	10	7.6	76		7.4	74		41-144	3		20
Isopropylbenzene	ND	10	13	130		12	120		70-130	8		20
1,2,3-Trichlorobenzene	ND	10	7.0	70		7.5	75		70-130	7		20

Matrix Spike Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 59294

Lab Number: L1947913

Report Date: 10/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG1297889-6 WG1297889-7 QC Sample: L1947913-02 Client ID: GW-SB14												
1,2,4-Trichlorobenzene	ND	10	7.8	78		7.9	79		70-130	1		20
Methyl Acetate	ND	10	11	110		12	120		70-130	9		20
Cyclohexane	0.97J	10	16	**160**	Q	16	**160**	Q	70-130	0		20
1,4-Dioxane	ND	500	360	72		360	72		56-162	0		20
Freon-113	ND	10	12	120		12	120		70-130	0		20
Methyl cyclohexane	ND	10	12	120		11	110		70-130	9		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		96		70-130
4-Bromofluorobenzene	103		104		70-130
Dibromofluoromethane	97		96		70-130
Toluene-d8	100		101		70-130

SEMIVOLATILES

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-01
Client ID: GW-SB03
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/17/19 15:50
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 01:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.9	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-01 Date Collected: 10/11/19 10:15

Client ID: GW-SB03 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	70.		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	67		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	69		41-149

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-01
Client ID: GW-SB03
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/17/19 23:13
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 01:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.10		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.2		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.21		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.07	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.10		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Chrysene	0.13		ug/l	0.10	0.01	1
Acenaphthylene	0.21		ug/l	0.10	0.01	1
Anthracene	0.38		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.04	J	ug/l	0.10	0.01	1
Fluorene	0.30		ug/l	0.10	0.01	1
Phenanthrene	2.5		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.01	1
Pyrene	0.98		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-01 Date Collected: 10/11/19 10:15

Client ID: GW-SB03 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	89		10-120
4-Terphenyl-d14	91		41-149

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-02
Client ID: GW-SB14
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/18/19 12:58
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 17:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.8	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-02 Date Collected: 10/11/19 09:30

Client ID: GW-SB14 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	130		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	55		41-149

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-02
Client ID: GW-SB14
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/18/19 12:32
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 17:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.31		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.06	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.22		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.16		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.23		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.07	J	ug/l	0.10	0.01	1
Chrysene	0.18		ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.10		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.20		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.03	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.12		ug/l	0.10	0.01	1
Pyrene	0.29		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-02 Date Collected: 10/11/19 09:30

Client ID: GW-SB14 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	91		41-149

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-03
Client ID: GW-SB20
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/17/19 16:16
Analyst: RC

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 01:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.8	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-03 Date Collected: 10/11/19 10:45

Client ID: GW-SB20 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	120		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	59		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	77		10-120
4-Terphenyl-d14	58		41-149

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-03
Client ID: GW-SB20
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/17/19 23:28
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 01:46

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.08	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-03 Date Collected: 10/11/19 10:45

Client ID: GW-SB20 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	76		41-149

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-04
Client ID: GW-CHA-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 10/18/19 13:25
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 17:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.5	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-04 Date Collected: 10/11/19 09:45

Client ID: GW-CHA-DUP001 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	120		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	65		41-149

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-04
Client ID: GW-CHA-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 10/18/19 12:48
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 17:17

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.09	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	1.7		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.09	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.53		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.28		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.39		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.12		ug/l	0.10	0.01	1
Chrysene	0.34		ug/l	0.10	0.01	1
Acenaphthylene	0.16		ug/l	0.10	0.01	1
Anthracene	0.35		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.16		ug/l	0.10	0.01	1
Fluorene	0.23		ug/l	0.10	0.01	1
Phenanthrene	2.3		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.04	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.18		ug/l	0.10	0.01	1
Pyrene	1.4		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-04 Date Collected: 10/11/19 09:45

Client ID: GW-CHA-DUP001 Date Received: 10/11/19

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	94		10-120
4-Terphenyl-d14	99		41-149

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/19 10:44
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/16/19 18:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1297131-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/17/19 10:44
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 10/16/19 18:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03 Batch: WG1297131-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	84		10-120
4-Terphenyl-d14	71		41-149

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/17/19 12:58
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/16/19 18:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03 Batch: WG1297133-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/17/19 12:58
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 10/16/19 18:46

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03 Batch: WG1297133-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	98		41-149

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/18/19 09:52
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 17:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04 Batch: WG1297593-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 10/18/19 09:52
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 17:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02,04 Batch: WG1297593-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	53		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	57		41-149

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/18/19 11:13
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 17:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02,04 Batch: WG1297595-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 10/18/19 11:13
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 17:17

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 02,04 Batch: WG1297595-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	90		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	98		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1297131-2 WG1297131-3								
Bis(2-chloroethyl)ether	64		59		40-140	8		30
3,3'-Dichlorobenzidine	63		63		40-140	0		30
2,4-Dinitrotoluene	79		65		48-143	19		30
2,6-Dinitrotoluene	77		65		40-140	17		30
4-Chlorophenyl phenyl ether	73		62		40-140	16		30
4-Bromophenyl phenyl ether	73		64		40-140	13		30
Bis(2-chloroisopropyl)ether	57		51		40-140	11		30
Bis(2-chloroethoxy)methane	66		57		40-140	15		30
Hexachlorocyclopentadiene	75		64		40-140	16		30
Isophorone	71		62		40-140	14		30
Nitrobenzene	70		64		40-140	9		30
NDPA/DPA	77		64		40-140	18		30
n-Nitrosodi-n-propylamine	74		65		29-132	13		30
Bis(2-ethylhexyl)phthalate	64		53		40-140	19		30
Butyl benzyl phthalate	80		68		40-140	16		30
Di-n-butylphthalate	72		60		40-140	18		30
Di-n-octylphthalate	70		60		40-140	15		30
Diethyl phthalate	77		64		40-140	18		30
Dimethyl phthalate	76		66		40-140	14		30
Biphenyl	72		60		40-140	18		30
4-Chloroaniline	65		51		40-140	24		30
2-Nitroaniline	82		69		52-143	17		30
3-Nitroaniline	63		60		25-145	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1297131-2 WG1297131-3								
4-Nitroaniline	74		64		51-143	14		30
Dibenzofuran	70		61		40-140	14		30
1,2,4,5-Tetrachlorobenzene	70		61		2-134	14		30
Acetophenone	71		64		39-129	10		30
2,4,6-Trichlorophenol	76		67		30-130	13		30
p-Chloro-m-cresol	84		72		23-97	15		30
2-Chlorophenol	67		61		27-123	9		30
2,4-Dichlorophenol	73		66		30-130	10		30
2,4-Dimethylphenol	70		64		30-130	9		30
2-Nitrophenol	71		62		30-130	14		30
4-Nitrophenol	63		58		10-80	8		30
2,4-Dinitrophenol	67		82		20-130	20		30
4,6-Dinitro-o-cresol	81		75		20-164	8		30
Phenol	49		45		12-110	9		30
3-Methylphenol/4-Methylphenol	68		62		30-130	9		30
2,4,5-Trichlorophenol	75		63		30-130	17		30
Carbazole	77		67		55-144	14		30
Atrazine	90		77		40-140	16		30
Benzaldehyde	70		63		40-140	11		30
Caprolactam	42		39		10-130	7		30
2,3,4,6-Tetrachlorophenol	71		66		40-140	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03 Batch: WG1297131-2 WG1297131-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		57		21-120
Phenol-d6	49		46		10-120
Nitrobenzene-d5	62		54		23-120
2-Fluorobiphenyl	59		50		15-120
2,4,6-Tribromophenol	82		68		10-120
4-Terphenyl-d14	62		53		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03 Batch: WG1297133-2 WG1297133-3								
Acenaphthene	66		115		40-140	**54**	Q	40
2-Chloronaphthalene	67		118		40-140	**55**	Q	40
Fluoranthene	73		124		40-140	**52**	Q	40
Hexachlorobutadiene	71		118		40-140	**50**	Q	40
Naphthalene	63		108		40-140	**53**	Q	40
Benzo(a)anthracene	70		127		40-140	**58**	Q	40
Benzo(a)pyrene	72		128		40-140	**56**	Q	40
Benzo(b)fluoranthene	74		128		40-140	**53**	Q	40
Benzo(k)fluoranthene	75		132		40-140	**55**	Q	40
Chrysene	71		116		40-140	**48**	Q	40
Acenaphthylene	67		118		40-140	**55**	Q	40
Anthracene	70		122		40-140	**54**	Q	40
Benzo(ghi)perylene	80		136		40-140	**52**	Q	40
Fluorene	69		121		40-140	**55**	Q	40
Phenanthrene	68		115		40-140	**51**	Q	40
Dibenzo(a,h)anthracene	77		132		40-140	**53**	Q	40
Indeno(1,2,3-cd)pyrene	76		134		40-140	**55**	Q	40
Pyrene	73		124		40-140	**52**	Q	40
2-Methylnaphthalene	64		113		40-140	**55**	Q	40
Pentachlorophenol	58		**143**	Q	40-140	**85**	Q	40
Hexachlorobenzene	72		**148**	Q	40-140	**69**	Q	40
Hexachloroethane	61		106		40-140	**54**	Q	40

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 59294

Lab Number: L1947913

Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03 Batch: WG1297133-2 WG1297133-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		86		21-120
Phenol-d6	42		77		10-120
Nitrobenzene-d5	60		108		23-120
2-Fluorobiphenyl	66		114		15-120
2,4,6-Tribromophenol	64		116		10-120
4-Terphenyl-d14	69		113		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 Batch: WG1297593-2 WG1297593-3								
Bis(2-chloroethyl)ether	78		78		40-140	0		30
3,3'-Dichlorobenzidine	73		69		40-140	6		30
2,4-Dinitrotoluene	78		76		48-143	3		30
2,6-Dinitrotoluene	73		76		40-140	4		30
4-Chlorophenyl phenyl ether	79		76		40-140	4		30
4-Bromophenyl phenyl ether	79		72		40-140	9		30
Bis(2-chloroisopropyl)ether	76		76		40-140	0		30
Bis(2-chloroethoxy)methane	78		78		40-140	0		30
Hexachlorocyclopentadiene	61		61		40-140	0		30
Isophorone	81		82		40-140	1		30
Nitrobenzene	79		79		40-140	0		30
NDPA/DPA	82		79		40-140	4		30
n-Nitrosodi-n-propylamine	82		81		29-132	1		30
Bis(2-ethylhexyl)phthalate	70		66		40-140	6		30
Butyl benzyl phthalate	72		67		40-140	7		30
Di-n-butylphthalate	73		70		40-140	4		30
Di-n-octylphthalate	63		64		40-140	2		30
Diethyl phthalate	82		76		40-140	8		30
Dimethyl phthalate	74		71		40-140	4		30
Biphenyl	77		72		40-140	7		30
4-Chloroaniline	70		68		40-140	3		30
2-Nitroaniline	73		72		52-143	1		30
3-Nitroaniline	73		69		25-145	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 Batch: WG1297593-2 WG1297593-3								
4-Nitroaniline	70		65		51-143	7		30
Dibenzofuran	80		73		40-140	9		30
1,2,4,5-Tetrachlorobenzene	74		72		2-134	3		30
Acetophenone	80		78		39-129	3		30
2,4,6-Trichlorophenol	76		74		30-130	3		30
p-Chloro-m-cresol	82		78		23-97	5		30
2-Chlorophenol	81		82		27-123	1		30
2,4-Dichlorophenol	82		79		30-130	4		30
2,4-Dimethylphenol	80		60		30-130	29		30
2-Nitrophenol	77		78		30-130	1		30
4-Nitrophenol	70		65		10-80	7		30
2,4-Dinitrophenol	66		69		20-130	4		30
4,6-Dinitro-o-cresol	72		74		20-164	3		30
Phenol	57		59		12-110	3		30
3-Methylphenol/4-Methylphenol	82		80		30-130	2		30
2,4,5-Trichlorophenol	75		75		30-130	0		30
Carbazole	79		79		55-144	0		30
Atrazine	85		83		40-140	2		30
Benzaldehyde	78		76		40-140	3		30
Caprolactam	40		42		10-130	5		30
2,3,4,6-Tetrachlorophenol	81		74		40-140	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 59294

Lab Number: L1947913

Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 Batch: WG1297593-2 WG1297593-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	71		72		21-120
Phenol-d6	60		61		10-120
Nitrobenzene-d5	66		66		23-120
2-Fluorobiphenyl	60		60		15-120
2,4,6-Tribromophenol	79		79		10-120
4-Terphenyl-d14	60		60		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,04 Batch: WG1297595-2 WG1297595-3								
Acenaphthene	100		98		40-140	2		40
2-Chloronaphthalene	101		97		40-140	4		40
Fluoranthene	109		106		40-140	3		40
Hexachlorobutadiene	107		104		40-140	3		40
Naphthalene	93		92		40-140	1		40
Benzo(a)anthracene	108		104		40-140	4		40
Benzo(a)pyrene	110		106		40-140	4		40
Benzo(b)fluoranthene	114		109		40-140	4		40
Benzo(k)fluoranthene	116		114		40-140	2		40
Chrysene	107		105		40-140	2		40
Acenaphthylene	95		86		40-140	10		40
Anthracene	107		103		40-140	4		40
Benzo(ghi)perylene	110		109		40-140	1		40
Fluorene	104		102		40-140	2		40
Phenanthrene	103		101		40-140	2		40
Dibenzo(a,h)anthracene	114		113		40-140	1		40
Indeno(1,2,3-cd)pyrene	112		112		40-140	0		40
Pyrene	108		105		40-140	3		40
2-Methylnaphthalene	97		95		40-140	2		40
Pentachlorophenol	85		78		40-140	9		40
Hexachlorobenzene	110		106		40-140	4		40
Hexachloroethane	88		88		40-140	0		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,04 Batch: WG1297595-2 WG1297595-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	69		67		21-120
Phenol-d6	57		56		10-120
Nitrobenzene-d5	90		87		23-120
2-Fluorobiphenyl	99		94		15-120
2,4,6-Tribromophenol	95		89		10-120
4-Terphenyl-d14	103		98		41-149

Matrix Spike Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1297593-4 WG1297593-5 QC Sample: L1947913-02 Client ID: GW-SB14												
Bis(2-chloroethyl)ether	ND	18.2	13	72		13	72		40-140	0		30
3,3'-Dichlorobenzidine	ND	18.2	5.3	**29**	Q	5.6	**31**	Q	40-140	6		30
2,4-Dinitrotoluene	ND	18.2	14	77		16	88		48-143	13		30
2,6-Dinitrotoluene	ND	18.2	14	77		15	83		40-140	7		30
4-Chlorophenyl phenyl ether	ND	18.2	13	72		14	77		40-140	7		30
4-Bromophenyl phenyl ether	ND	18.2	13	72		15	83		40-140	14		30
Bis(2-chloroisopropyl)ether	ND	18.2	13	72		13	72		40-140	0		30
Bis(2-chloroethoxy)methane	ND	18.2	14	77		14	77		40-140	0		30
Hexachlorocyclopentadiene	ND	18.2	11.J	61		10.J	55		40-140	10		30
Isophorone	ND	18.2	14	77		15	83		40-140	7		30
Nitrobenzene	ND	18.2	15	83		15	83		40-140	0		30
NDPA/DPA	ND	18.2	14	77		15	83		40-140	7		30
n-Nitrosodi-n-propylamine	ND	18.2	14	77		14	77		29-132	0		30
Bis(2-ethylhexyl)phthalate	1.8J	18.2	13	72		15	83		40-140	14		30
Butyl benzyl phthalate	ND	18.2	15	83		17	94		40-140	13		30
Di-n-butylphthalate	ND	18.2	14	77		15	83		40-140	7		30
Di-n-octylphthalate	ND	18.2	14	77		16	88		40-140	13		30
Diethyl phthalate	ND	18.2	14	77		16	88		40-140	13		30
Dimethyl phthalate	ND	18.2	13	72		14	77		40-140	7		30
Biphenyl	ND	18.2	13	72		14	77		40-140	7		30
4-Chloroaniline	ND	18.2	12	66		12	66		40-140	0		30
2-Nitroaniline	ND	18.2	14	77		15	83		52-143	7		30
3-Nitroaniline	ND	18.2	11	61		12	66		25-145	9		30

Matrix Spike Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 59294

Lab Number: L1947913

Report Date: 10/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1297593-4 WG1297593-5 QC Sample: L1947913-02 Client ID: GW-SB14												
4-Nitroaniline	ND	18.2	10	55		12	66		51-143	18		30
Dibenzofuran	ND	18.2	13	72		14	77		40-140	7		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	12	66		13	72		2-134	8		30
Acetophenone	ND	18.2	13	72		14	77		39-129	7		30
2,4,6-Trichlorophenol	ND	18.2	15	83		15	83		30-130	0		30
p-Chloro-m-cresol	ND	18.2	15	83		16	88		23-97	6		30
2-Chlorophenol	ND	18.2	14	77		14	77		27-123	0		30
2,4-Dichlorophenol	ND	18.2	14	77		15	83		30-130	7		30
2,4-Dimethylphenol	ND	18.2	9.7	53		10	55		30-130	3		30
2-Nitrophenol	ND	18.2	14	77		15	83		30-130	7		30
4-Nitrophenol	ND	18.2	13	72		16	**88**	Q	10-80	21		30
2,4-Dinitrophenol	ND	18.2	16.J	88		19.J	100		20-130	17		30
4,6-Dinitro-o-cresol	ND	18.2	14	77		16	88		20-164	13		30
Phenol	ND	18.2	11	61		12	66		12-110	9		30
3-Methylphenol/4-Methylphenol	ND	18.2	14	77		15	83		30-130	7		30
2,4,5-Trichlorophenol	ND	18.2	13	72		14	77		30-130	7		30
Carbazole	ND	18.2	14	77		16	88		55-144	13		30
Atrazine	ND	18.2	16	88		18	99		40-140	12		30
Benzaldehyde	ND	18.2	13	72		13	72		40-140	0		30
Caprolactam	130	18.2	170	**220**	Q	210E	**440**	Q	10-130	21		30
2,3,4,6-Tetrachlorophenol	ND	18.2	15	83		16	88		40-140	6		30

Matrix Spike Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 59294

Lab Number: L1947913

Report Date: 10/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1297593-4 WG1297593-5 QC Sample: L1947913-02 Client ID: GW-SB14												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	80		91		10-120
2-Fluorobiphenyl	61		61		15-120
2-Fluorophenol	72		74		21-120
4-Terphenyl-d14	58		68		41-149
Nitrobenzene-d5	63		64		23-120
Phenol-d6	65		66		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1297595-4 WG1297595-5 QC Sample: L1947913-02 Client ID: GW-SB14												
Acenaphthene	ND	18.2	16	88		18	99		40-140	12		40
2-Chloronaphthalene	ND	18.2	17	94		18	99		40-140	6		40
Fluoranthene	0.31	18.2	18	97		20	110		40-140	11		40
Hexachlorobutadiene	ND	18.2	18	99		18	99		40-140	0		40
Naphthalene	0.06J	18.2	15	83		16	88		40-140	6		40
Benzo(a)anthracene	0.22	18.2	17	92		20	110		40-140	16		40
Benzo(a)pyrene	0.16	18.2	16	87		19	100		40-140	17		40
Benzo(b)fluoranthene	0.23	18.2	18	98		20	110		40-140	11		40
Benzo(k)fluoranthene	0.07J	18.2	17	94		20	110		40-140	16		40
Chrysene	0.18	18.2	17	93		19	100		40-140	11		40
Acenaphthylene	0.02J	18.2	16	88		18	99		40-140	12		40
Anthracene	0.03J	18.2	17	94		19	100		40-140	11		40
Benzo(ghi)perylene	0.10	18.2	16	88		19	100		40-140	17		40
Fluorene	0.02J	18.2	17	94		19	100		40-140	11		40
Phenanthrene	0.20	18.2	17	92		19	100		40-140	11		40
Dibenzo(a,h)anthracene	0.03J	18.2	17	94		20	110		40-140	16		40
Indeno(1,2,3-cd)pyrene	0.12	18.2	17	93		20	110		40-140	16		40
Pyrene	0.29	18.2	18	97		20	110		40-140	11		40
2-Methylnaphthalene	0.04J	18.2	16	88		17	94		40-140	6		40
Pentachlorophenol	ND	18.2	16	88		19	100		40-140	17		40
Hexachlorobenzene	ND	18.2	18	99		20	110		40-140	11		40
Hexachloroethane	ND	18.2	14	77		15	83		40-140	7		40

Matrix Spike Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 59294

Lab Number: L1947913

Report Date: 10/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 02,04 QC Batch ID: WG1297595-4 WG1297595-5 QC Sample: L1947913-02 Client ID: GW-SB14												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	93		103		10-120
2-Fluorobiphenyl	96		103		15-120
2-Fluorophenol	67		71		21-120
4-Terphenyl-d14	96		105		41-149
Nitrobenzene-d5	83		87		23-120
Phenol-d6	59		62		10-120

PCBS

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-01
Client ID: GW-SB03
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/17/19 23:51
Analyst: HT

Date Collected: 10/11/19 10:15
Date Received: 10/11/19
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 16:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-02
Client ID: GW-SB14
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/19 00:31
Analyst: HT

Date Collected: 10/11/19 09:30
Date Received: 10/11/19
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 16:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-03
Client ID: GW-SB20
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/19 00:45
Analyst: HT

Date Collected: 10/11/19 10:45
Date Received: 10/11/19
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 16:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	122		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	112		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-04
Client ID: GW-CHA-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 10/18/19 00:58
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 16:46
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	B
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	109		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 10/17/19 23:10
Analyst: HT

Extraction Method: EPA 3510C
Extraction Date: 10/17/19 16:14
Cleanup Method: EPA 3665A
Cleanup Date: 10/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 10/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1297569-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	76		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1297569-2 WG1297569-3									
Aroclor 1016	83		84		40-140	1		50	A
Aroclor 1260	80		81		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		82		30-150	A
Decachlorobiphenyl	88		90		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		85		30-150	B
Decachlorobiphenyl	85		85		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: JMA WIRELESS

Project Number: 59294

Lab Number: L1947913

Report Date: 10/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 QC Batch ID: WG1297569-4 WG1297569-5 QC Sample: L1947913-02 Client ID: GW-SB14													
Aroclor 1016	ND	1.78	1.67	94		1.54	86		40-140	8		50	A
Aroclor 1260	ND	1.78	1.27	71		1.41	79		40-140	10		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		81		30-150	A
Decachlorobiphenyl	67		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		73		30-150	B
Decachlorobiphenyl	60		70		30-150	B

METALS

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-01
Client ID: GW-SB03
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:15
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.026		mg/l	0.005	0.002	1	10/16/19 22:34	10/18/19 10:33	EPA 3005A	1,6010D	LC
Barium, Total	0.617		mg/l	0.010	0.002	1	10/16/19 22:34	10/18/19 10:33	EPA 3005A	1,6010D	LC
Cadmium, Total	0.005		mg/l	0.005	0.001	1	10/16/19 22:34	10/18/19 10:33	EPA 3005A	1,6010D	LC
Chromium, Total	0.019		mg/l	0.010	0.002	1	10/16/19 22:34	10/18/19 10:33	EPA 3005A	1,6010D	LC
Lead, Total	0.098		mg/l	0.010	0.003	1	10/16/19 22:34	10/18/19 10:33	EPA 3005A	1,6010D	LC
Mercury, Total	0.00041		mg/l	0.00020	0.00009	1	10/16/19 12:12	10/16/19 18:52	EPA 7470A	1,7470A	AL
Selenium, Total	ND		mg/l	0.010	0.004	1	10/16/19 22:34	10/18/19 10:33	EPA 3005A	1,6010D	LC
Silver, Total	ND		mg/l	0.007	0.003	1	10/16/19 22:34	10/18/19 10:33	EPA 3005A	1,6010D	LC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-02
Client ID: GW-SB14
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 09:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.009	J	mg/l	0.010	0.004	1	10/16/19 22:34	10/18/19 10:15	EPA 3005A	1,6010D	LC
Barium, Total	3.77		mg/l	0.020	0.004	1	10/16/19 22:34	10/18/19 10:15	EPA 3005A	1,6010D	LC
Cadmium, Total	ND		mg/l	0.010	0.002	1	10/16/19 22:34	10/18/19 10:15	EPA 3005A	1,6010D	LC
Chromium, Total	0.012	J	mg/l	0.020	0.004	1	10/16/19 22:34	10/18/19 10:15	EPA 3005A	1,6010D	LC
Lead, Total	ND		mg/l	0.020	0.005	1	10/16/19 22:34	10/18/19 10:15	EPA 3005A	1,6010D	LC
Mercury, Total	0.00055		mg/l	0.00020	0.00009	1	10/16/19 12:12	10/16/19 18:15	EPA 7470A	1,7470A	AL
Selenium, Total	ND		mg/l	0.020	0.007	1	10/16/19 22:34	10/18/19 10:15	EPA 3005A	1,6010D	LC
Silver, Total	ND		mg/l	0.014	0.006	1	10/16/19 22:34	10/18/19 10:15	EPA 3005A	1,6010D	LC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-03
Client ID: GW-SB20
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 10:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.008	J	mg/l	0.010	0.004	1	10/16/19 22:34	10/18/19 10:43	EPA 3005A	1,6010D	LC
Barium, Total	2.67		mg/l	0.020	0.004	1	10/16/19 22:34	10/18/19 10:43	EPA 3005A	1,6010D	LC
Cadmium, Total	ND		mg/l	0.010	0.002	1	10/16/19 22:34	10/18/19 10:43	EPA 3005A	1,6010D	LC
Chromium, Total	0.007	J	mg/l	0.020	0.004	1	10/16/19 22:34	10/18/19 10:43	EPA 3005A	1,6010D	LC
Lead, Total	ND		mg/l	0.020	0.005	1	10/16/19 22:34	10/18/19 10:43	EPA 3005A	1,6010D	LC
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/16/19 12:12	10/16/19 18:54	EPA 7470A	1,7470A	AL
Selenium, Total	ND		mg/l	0.020	0.007	1	10/16/19 22:34	10/18/19 10:43	EPA 3005A	1,6010D	LC
Silver, Total	ND		mg/l	0.014	0.006	1	10/16/19 22:34	10/18/19 10:43	EPA 3005A	1,6010D	LC

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947913-04
Client ID: GW-CHA-DUP001
Sample Location: SYRACUSE, NY
Date Collected: 10/11/19 09:45
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.029		mg/l	0.005	0.002	1	10/16/19 22:34	10/18/19 12:57	EPA 3005A	1,6010D	LC
Barium, Total	0.853		mg/l	0.010	0.002	1	10/16/19 22:34	10/18/19 12:57	EPA 3005A	1,6010D	LC
Cadmium, Total	0.008		mg/l	0.005	0.001	1	10/16/19 22:34	10/18/19 12:57	EPA 3005A	1,6010D	LC
Chromium, Total	0.019		mg/l	0.010	0.002	1	10/16/19 22:34	10/18/19 12:57	EPA 3005A	1,6010D	LC
Lead, Total	0.139		mg/l	0.010	0.003	1	10/16/19 22:34	10/18/19 12:57	EPA 3005A	1,6010D	LC
Mercury, Total	0.00074		mg/l	0.00020	0.00009	1	10/16/19 12:12	10/16/19 18:56	EPA 7470A	1,7470A	AL
Selenium, Total	0.004	J	mg/l	0.010	0.004	1	10/16/19 22:34	10/18/19 12:57	EPA 3005A	1,6010D	LC
Silver, Total	ND		mg/l	0.007	0.003	1	10/16/19 22:34	10/18/19 12:57	EPA 3005A	1,6010D	LC

Project Name: JMA WIRELESS **Lab Number:** L1947913

Project Number: 59294 **Report Date:** 10/18/19

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1296906-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	10/16/19 12:12	10/16/19 18:11	1,7470A	AL

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1297082-1										
Arsenic, Total	ND		mg/l	0.005	0.002	1	10/16/19 22:34	10/18/19 10:07	1,6010D	LC
Barium, Total	ND		mg/l	0.010	0.002	1	10/16/19 22:34	10/18/19 10:07	1,6010D	LC
Cadmium, Total	ND		mg/l	0.005	0.001	1	10/16/19 22:34	10/18/19 10:07	1,6010D	LC
Chromium, Total	ND		mg/l	0.010	0.002	1	10/16/19 22:34	10/18/19 10:07	1,6010D	LC
Lead, Total	ND		mg/l	0.010	0.003	1	10/16/19 22:34	10/18/19 10:07	1,6010D	LC
Selenium, Total	ND		mg/l	0.010	0.004	1	10/16/19 22:34	10/18/19 10:07	1,6010D	LC
Silver, Total	ND		mg/l	0.007	0.003	1	10/16/19 22:34	10/18/19 10:07	1,6010D	LC

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1296906-2								
Mercury, Total	107		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1297082-2								
Arsenic, Total	113		-		80-120	-		
Barium, Total	96		-		80-120	-		
Cadmium, Total	108		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Lead, Total	108		-		80-120	-		
Selenium, Total	112		-		80-120	-		
Silver, Total	101		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947913
Report Date: 10/18/19

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1296906-3 WG1296906-4 QC Sample: L1947913-02 Client ID: GW-SB14												
Mercury, Total	0.00055	0.005	0.00554	100		0.00552	99		75-125	0		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1297082-3 WG1297082-4 QC Sample: L1947891-03 Client ID: MS Sample												
Arsenic, Total	ND	0.12	0.152	**127**	Q	0.156	**130**	Q	75-125	3		20
Barium, Total	ND	2	1.99	100		1.99	100		75-125	0		20
Cadmium, Total	ND	0.051	0.056	109		0.057	112		75-125	2		20
Chromium, Total	ND	0.2	0.201	100		0.201	100		75-125	0		20
Lead, Total	ND	0.51	0.512	100		0.528	104		75-125	3		20
Selenium, Total	ND	0.12	0.043	**35**	Q	0.042	**35**	Q	75-125	1		20
Silver, Total	ND	0.05	0.056	111		0.056	112		75-125	1		20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1297082-7 WG1297082-8 QC Sample: L1947913-02 Client ID: GW-SB14												
Arsenic, Total	0.009J	0.24	0.312	**130**	Q	0.314	**131**	Q	75-125	1		20
Barium, Total	3.77	4	7.64	97		7.58	95		75-125	1		20
Cadmium, Total	ND	0.102	0.107	105		0.108	106		75-125	1		20
Chromium, Total	0.012J	0.4	0.388	97		0.390	98		75-125	1		20
Lead, Total	ND	1.02	1.01	99		1.02	100		75-125	1		20
Selenium, Total	ND	0.24	0.303	**126**	Q	0.308	**128**	Q	75-125	2		20
Silver, Total	ND	0.1	0.114	114		0.115	115		75-125	1		20

Project Name: JMA WIRELESS
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Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947913-01A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-01B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-01C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-01D	Plastic 250ml HNO3 preserved	A	5	<2	3.0	N	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947913-01E	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-01F	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-01G	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-01H	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-02A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-02A1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-02A2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-02B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-02B1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-02B2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-02C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-02C1	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-02C2	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-02D	Plastic 250ml HNO3 preserved	A	5	<2	3.0	N	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947913-02D1	Plastic 500ml HNO3 preserved	A	<2	<2	3.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947913-02D2	Plastic 500ml HNO3 preserved	A	<2	<2	3.0	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947913-02E	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-02E1	Amber 120ml unpreserved	A	NA		3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-02E2	Amber 120ml unpreserved	A	NA		3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-02F	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-02F1	Amber 120ml unpreserved	A	NA		3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-02F2	Amber 120ml unpreserved	A	NA		3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-02G	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-02G1	Amber 250ml unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-02G2	Amber 250ml unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-02H	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-02H1	Amber 250ml unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-02H2	Amber 250ml unpreserved	A	NA		3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-03A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-03B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-03C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-03D	Plastic 250ml HNO3 preserved	A	5	5	3.0	N	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L1947913-03E	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-03F	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-03G	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-03H	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-04A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-04A1	Vial HCl preserved	A	NA		3.0	Y	Absent		-
L1947913-04A2	Vial HCl preserved	A	NA		3.0	Y	Absent		-
L1947913-04B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-04B1	Vial HCl preserved	A	NA		3.0	Y	Absent		-
L1947913-04B2	Vial HCl preserved	A	NA		3.0	Y	Absent		-
L1947913-04C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947913
Report Date: 10/18/19

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947913-04C1	Vial HCl preserved	A	NA		3.0	Y	Absent		-
L1947913-04C2	Vial HCl preserved	A	NA		3.0	Y	Absent		-
L1947913-04D	Plastic 250ml HNO3 preserved	A	5	<2	3.0	N	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L1947913-04D1	Plastic 250ml HNO3 preserved	A	5	<2	3.0	N	Absent		-
L1947913-04D2	Plastic 250ml HNO3 preserved	A	5	<2	3.0	N	Absent		-
L1947913-04E	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-04E1	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		-
L1947913-04E2	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		-
L1947913-04F	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8082-LVI(7)
L1947913-04F1	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		-
L1947913-04F2	Amber 120ml unpreserved	A	7	7	3.0	Y	Absent		-
L1947913-04G	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-04G1	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		-
L1947913-04G2	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		-
L1947913-04H	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L1947913-04H1	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		-
L1947913-04H2	Amber 250ml unpreserved	A	7	7	3.0	Y	Absent		-
L1947913-05A	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-05B	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)
L1947913-05C	Vial HCl preserved	A	NA		3.0	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	JMA WIRELESS	**Lab Number:**	L1947913
Project Number:	59294	**Report Date:**	10/18/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	JMA WIRELESS	**Lab Number:**	L1947913
Project Number:	59294	**Report Date:**	10/18/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name: JMA WIRELESS **Lab Number:** L1947913
Project Number: 59294 **Report Date:** 10/18/19

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

ALPHA

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 10/12/19

ALPHA Job #: L1947913

Client Information

Client: CHA Consulting
Address: 3005 State St Stand
Syracuse, NY 13202
Phone: 315 257 7154
Fax:
Email: smiller@chaconpanies.com

Project Information

Project Name: JMA Wireless
Project Location: Syracuse, NY
Project #: 59294
(Use Project name as Project #) ☐
Project Manager: L. Cassalia
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs	SVOCs	RCRA 8 Metals	PCBs					Sample Specific Comments	Total Bottles
L1947301	GW-SB03	10/11/2019	1015	Water	KE	X	X	X	X						8
-02	GW-SB14		0930		KE	X	X	X	X						8
-03	GW-SB20		1045		KE	X	X	X	X						8
-04	GW-CHADUP001		0945		KE	X	X	X	X						8
-04	GW-CHA-MS001		1000		KE	X	X	X	X						8
-04	GW-CHA-MSD001		0945		KE	X	X	X	X						8
05	Trip Blank				KE	X									1

	VOCs	SVOCs	RCRA 8 Metals	PCBs				
Container Type	V	A	A P	A				
Preservative	B	A	A C	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10/11/2019 1615	AAL [signature]	10/11/19 18:35
[signature]	10/11/19 1835	[signature]	10/12/19 01:25

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L1947943
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	L. Cassalia
Phone:	(315) 257-7154
Project Name:	JMA WIRELESS
Project Number:	59294
Report Date:	10/18/19

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

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

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

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1947943-01	SSV001	SOIL_VAPOR	SYRACUSE, NY	10/11/19 15:21	10/11/19
L1947943-02	IA001	AIR	SYRACUSE, NY	10/11/19 15:21	10/11/19
L1947943-03	SSV004	SOIL_VAPOR	SYRACUSE, NY	10/11/19 15:13	10/11/19
L1947943-04	IA004	AIR	SYRACUSE, NY	10/11/19 15:13	10/11/19
L1947943-05	SSV003	SOIL_VAPOR	SYRACUSE, NY	10/11/19 15:19	10/11/19
L1947943-06	IA003	AIR	SYRACUSE, NY	10/11/19 15:19	10/11/19
L1947943-07	SSV002	SOIL_VAPOR	SYRACUSE, NY	10/11/19 15:30	10/11/19
L1947943-08	IA002	AIR	SYRACUSE, NY	10/11/19 15:30	10/11/19
L1947943-09	SSV005	SOIL_VAPOR	SYRACUSE, NY	10/11/19 15:10	10/11/19
L1947943-10	IA005	AIR	SYRACUSE, NY	10/11/19 15:10	10/11/19
L1947943-11	SSV006	SOIL_VAPOR	SYRACUSE, NY	10/11/19 15:35	10/11/19
L1947943-12	IA006	AIR	SYRACUSE, NY	10/11/19 15:35	10/11/19
L1947943-13	SSV-DUP001	SOIL_VAPOR	SYRACUSE, NY	10/11/19 15:35	10/11/19

Project Name:	JMA WIRELESS	**Lab Number:**	L1947943
Project Number:	59294	**Report Date:**	10/18/19

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: JMA WIRELESS **Lab Number:** L1947943
Project Number: 59294 **Report Date:** 10/18/19

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on October 4, 2019. The canister certification results are provided as an addendum.

L1947943-06: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

L1947943-06: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 10/18/19

AIR

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-01
Client ID: SSV001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:21
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/16/19 22:08
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.445	0.200	--	2.20	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.70	1.00	--	6.41	2.38	--		1
Trichlorofluoromethane	0.267	0.200	--	1.50	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.346	0.200	--	1.08	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-01
Client ID: SSV001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:21
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.10	0.200	--	7.40	0.705	--		1
1,1,1-Trichloroethane	0.215	0.200	--	1.17	1.09	--		1
Benzene	1.55	0.200	--	4.95	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.951	0.200	--	3.27	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	3.28	0.200	--	13.4	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.31	0.200	--	12.5	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.33	0.200	--	9.02	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.716	0.200	--	3.11	0.869	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-01
Client ID: SSV001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:21
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.96	0.400	--	12.9	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.217	0.200	--	0.924	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.05	0.200	--	4.56	0.869	--		1
4-Ethyltoluene	0.369	0.200	--	1.81	0.983	--		1
1,3,5-Trimethylbenzene	0.504	0.200	--	2.48	0.983	--		1
1,2,4-Trimethylbenzene	1.63	0.200	--	8.01	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	115		60-140
chlorobenzene-d5	108		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-02
Client ID: IA001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:21
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/16/19 17:31
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.506	0.200	--	2.50	0.989	--		1
Chloromethane	0.414	0.200	--	0.855	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.548	0.200	--	1.21	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	6.12	5.00	--	11.5	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.85	1.00	--	9.15	2.38	--		1
Trichlorofluoromethane	0.356	0.200	--	2.00	1.12	--		1
Isopropanol	0.639	0.500	--	1.57	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.05	0.500	--	3.10	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-02
Client ID: IA001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:21
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.267	0.200	--	0.941	0.705	--		1
Benzene	0.483	0.200	--	1.54	0.639	--		1
Cyclohexane	0.207	0.200	--	0.713	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	8.73	0.200	--	35.8	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.961	0.200	--	3.62	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	9.21	0.200	--	40.0	0.869	--		1
p/m-Xylene	35.7	0.400	--	155	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	10.6	0.200	--	46.0	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-02
Client ID: IA001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:21
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	0.447	0.200	--	2.20	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	114		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-02
Client ID: IA001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:21
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/19 17:31
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.081	0.020	--	0.510	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.069	0.020	--	0.468	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	80		60-140
chlorobenzene-d5	117		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-03
Client ID: SSV004
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:13
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/16/19 22:48
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.484	0.200	--	2.39	0.989	--		1
Chloromethane	0.430	0.200	--	0.888	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.54	5.00	--	10.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.78	1.00	--	4.23	2.38	--		1
Trichlorofluoromethane	0.216	0.200	--	1.21	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-03
Client ID: SSV004
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:13
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.569	0.200	--	2.14	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-03
Client ID: SSV004
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:13
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.738	0.400	--	3.21	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.360	0.200	--	1.56	0.869	--		1
4-Ethyltoluene	0.278	0.200	--	1.37	0.983	--		1
1,3,5-Trimethylbenzene	0.443	0.200	--	2.18	0.983	--		1
1,2,4-Trimethylbenzene	1.50	0.200	--	7.37	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	114		60-140
chlorobenzene-d5	103		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-04
Client ID: IA004
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:13
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/16/19 18:11
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.434	0.200	--	2.15	0.989	--		1
Chloromethane	0.413	0.200	--	0.853	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	8.90	5.00	--	16.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.39	1.00	--	5.68	2.38	--		1
Trichlorofluoromethane	0.243	0.200	--	1.37	1.12	--		1
Isopropanol	0.597	0.500	--	1.47	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-04
Client ID: IA004
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:13
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.466	0.200	--	1.76	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.470	0.400	--	2.04	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-04
Client ID: IA004
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:13
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	106		60-140
chlorobenzene-d5	94		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-04
Client ID: IA004
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:13
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/19 18:11
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.069	0.020	--	0.434	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.138	0.020	--	0.936	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	89		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	93		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-05
Client ID: SSV003
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:19
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/16/19 23:27
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.390	0.200	--	1.93	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.79	1.00	--	4.25	2.38	--		1
Trichlorofluoromethane	0.630	0.200	--	3.54	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.380	0.200	--	1.18	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-05
Client ID: SSV003
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:19
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.464	0.200	--	1.64	0.705	--		1
1,1,1-Trichloroethane	0.285	0.200	--	1.55	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.278	0.200	--	0.957	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.96	0.200	--	8.03	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.01	0.200	--	3.81	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	5.79	0.200	--	39.3	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	2.36	0.200	--	10.3	0.869	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-05
Client ID: SSV003
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:19
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	10.1	0.400	--	43.9	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.238	0.200	--	1.01	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	3.01	0.200	--	13.1	0.869	--		1
4-Ethyltoluene	0.338	0.200	--	1.66	0.983	--		1
1,3,5-Trimethylbenzene	0.582	0.200	--	2.86	0.983	--		1
1,2,4-Trimethylbenzene	1.83	0.200	--	9.00	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	113		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-06 D
Client ID: IA003
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:19
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/17/19 07:00
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	2.00	--	ND	9.89	--		10
Chloromethane	ND	2.00	--	ND	4.13	--		10
Freon-114	ND	2.00	--	ND	14.0	--		10
1,3-Butadiene	ND	2.00	--	ND	4.42	--		10
Bromomethane	ND	2.00	--	ND	7.77	--		10
Chloroethane	ND	2.00	--	ND	5.28	--		10
Ethanol	ND	50.0	--	ND	94.2	--		10
Vinyl bromide	ND	2.00	--	ND	8.74	--		10
Acetone	ND	10.0	--	ND	23.8	--		10
Trichlorofluoromethane	ND	2.00	--	ND	11.2	--		10
Isopropanol	ND	5.00	--	ND	12.3	--		10
Tertiary butyl Alcohol	ND	5.00	--	ND	15.2	--		10
Methylene chloride	ND	5.00	--	ND	17.4	--		10
3-Chloropropene	ND	2.00	--	ND	6.26	--		10
Carbon disulfide	ND	2.00	--	ND	6.23	--		10
Freon-113	ND	2.00	--	ND	15.3	--		10
trans-1,2-Dichloroethene	ND	2.00	--	ND	7.93	--		10
1,1-Dichloroethane	ND	2.00	--	ND	8.09	--		10
Methyl tert butyl ether	ND	2.00	--	ND	7.21	--		10
2-Butanone	ND	5.00	--	ND	14.7	--		10
Ethyl Acetate	ND	5.00	--	ND	18.0	--		10
Chloroform	ND	2.00	--	ND	9.77	--		10
Tetrahydrofuran	ND	5.00	--	ND	14.7	--		10

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-06 D
Client ID: IA003
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:19
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	2.00	--	ND	8.09	--		10
n-Hexane	ND	2.00	--	ND	7.05	--		10
Benzene	ND	2.00	--	ND	6.39	--		10
Cyclohexane	ND	2.00	--	ND	6.88	--		10
1,2-Dichloropropane	ND	2.00	--	ND	9.24	--		10
Bromodichloromethane	ND	2.00	--	ND	13.4	--		10
1,4-Dioxane	ND	2.00	--	ND	7.21	--		10
2,2,4-Trimethylpentane	ND	2.00	--	ND	9.34	--		10
Heptane	54.8	2.00	--	225	8.20	--		10
cis-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
4-Methyl-2-pentanone	ND	5.00	--	ND	20.5	--		10
trans-1,3-Dichloropropene	ND	2.00	--	ND	9.08	--		10
1,1,2-Trichloroethane	ND	2.00	--	ND	10.9	--		10
Toluene	2.52	2.00	--	9.50	7.54	--		10
2-Hexanone	ND	2.00	--	ND	8.20	--		10
Dibromochloromethane	ND	2.00	--	ND	17.0	--		10
1,2-Dibromoethane	ND	2.00	--	ND	15.4	--		10
Chlorobenzene	ND	2.00	--	ND	9.21	--		10
Ethylbenzene	17.9	2.00	--	77.7	8.69	--		10
p/m-Xylene	73.0	4.00	--	317	17.4	--		10
Bromoform	ND	2.00	--	ND	20.7	--		10
Styrene	ND	2.00	--	ND	8.52	--		10
1,1,2,2-Tetrachloroethane	ND	2.00	--	ND	13.7	--		10
o-Xylene	20.1	2.00	--	87.3	8.69	--		10
4-Ethyltoluene	ND	2.00	--	ND	9.83	--		10
1,3,5-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-06 D
Client ID: IA003
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:19
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	2.00	--	ND	9.83	--		10
Benzyl chloride	ND	2.00	--	ND	10.4	--		10
1,3-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,4-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2-Dichlorobenzene	ND	2.00	--	ND	12.0	--		10
1,2,4-Trichlorobenzene	ND	2.00	--	ND	14.8	--		10
Hexachlorobutadiene	ND	2.00	--	ND	21.3	--		10

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	107		60-140
chlorobenzene-d5	112		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-06 D
Client ID: IA003
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:19
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/17/19 07:00
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		10
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		10
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		10
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		10
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		10
Trichloroethene	ND	0.200	--	ND	1.07	--		10
Tetrachloroethene	ND	0.200	--	ND	1.36	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	111		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-07
Client ID: SSV002
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/17/19 00:07
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.505	0.200	--	2.50	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	11.7	1.00	--	27.8	2.38	--		1
Trichlorofluoromethane	0.214	0.200	--	1.20	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.28	0.200	--	3.99	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.807	0.500	--	2.38	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-07
Client ID: SSV002
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	2.13	0.200	--	10.4	0.977	--		1
Tetrahydrofuran	0.583	0.500	--	1.72	1.47	--		1
1,2-Dichloroethane	0.201	0.200	--	0.814	0.809	--		1
n-Hexane	1.84	0.200	--	6.48	0.705	--		1
1,1,1-Trichloroethane	2.79	0.200	--	15.2	1.09	--		1
Benzene	1.20	0.200	--	3.83	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.617	0.200	--	2.12	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.09	0.200	--	4.47	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.988	0.200	--	3.72	0.754	--		1
2-Hexanone	0.406	0.200	--	1.66	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.210	0.200	--	1.42	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.258	0.200	--	1.12	0.869	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-07
Client ID: SSV002
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.996	0.400	--	4.33	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.467	0.200	--	2.03	0.869	--		1
4-Ethyltoluene	0.288	0.200	--	1.42	0.983	--		1
1,3,5-Trimethylbenzene	0.396	0.200	--	1.95	0.983	--		1
1,2,4-Trimethylbenzene	1.22	0.200	--	6.00	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	117		60-140
chlorobenzene-d5	107		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-08
Client ID: IA002
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/16/19 20:09
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.376	0.200	--	1.86	0.989	--		1
Chloromethane	0.373	0.200	--	0.770	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.35	1.00	--	3.21	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-08
Client ID: IA002
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.253	0.200	--	1.04	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.425	0.200	--	1.60	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	0.438	0.400	--	1.90	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-08
Client ID: IA002
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	112		60-140
Bromochloromethane	127		60-140
chlorobenzene-d5	110		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-08
Client ID: IA002
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:30
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/19 20:09
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.064	0.020	--	0.403	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	109		60-140
bromochloromethane	110		60-140
chlorobenzene-d5	109		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-09
Client ID: SSV005
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:10
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/17/19 00:46
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.567	0.200	--	2.80	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.79	1.00	--	20.9	2.38	--		1
Trichlorofluoromethane	0.400	0.200	--	2.25	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.635	0.500	--	1.92	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	3.93	0.200	--	12.2	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.98	0.500	--	5.84	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-09
Client ID: SSV005
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:10
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.67	0.200	--	5.89	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.73	0.200	--	5.53	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.83	0.200	--	6.30	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.44	0.200	--	5.90	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.61	0.200	--	9.84	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.230	0.200	--	1.56	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.365	0.200	--	1.59	0.869	--		1

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-09
Client ID: SSV005
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:10
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.38	0.400	--	5.99	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.202	0.200	--	0.860	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.622	0.200	--	2.70	0.869	--		1
4-Ethyltoluene	0.238	0.200	--	1.17	0.983	--		1
1,3,5-Trimethylbenzene	0.352	0.200	--	1.73	0.983	--		1
1,2,4-Trimethylbenzene	1.06	0.200	--	5.21	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	106		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-10
Client ID: IA005
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:10
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/16/19 20:49
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.428	0.200	--	2.12	0.989	--		1
Chloromethane	0.462	0.200	--	0.954	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	0.578	0.200	--	1.28	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	11.8	5.00	--	22.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	3.38	1.00	--	8.03	2.38	--		1
Trichlorofluoromethane	0.373	0.200	--	2.10	1.12	--		1
Isopropanol	1.25	0.500	--	3.07	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-10
Client ID: IA005
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:10
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.299	0.200	--	1.05	0.705	--		1
Benzene	0.511	0.200	--	1.63	0.639	--		1
Cyclohexane	0.207	0.200	--	0.713	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	8.11	0.200	--	33.2	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.813	0.200	--	3.06	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.54	0.200	--	6.69	0.869	--		1
p/m-Xylene	6.25	0.400	--	27.1	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.87	0.200	--	8.12	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-10
Client ID: IA005
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:10
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	0.213	0.200	--	1.05	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	119		60-140
chlorobenzene-d5	121		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-10
Client ID: IA005
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:10
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/19 20:49
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.064	0.020	--	0.403	0.126	--		1
Trichloroethene	0.032	0.020	--	0.172	0.107	--		1
Tetrachloroethene	0.408	0.020	--	2.77	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	101		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	122		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-11
Client ID: SSV006
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/17/19 01:26
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.518	0.200	--	2.56	0.989	--		1
Chloromethane	0.464	0.200	--	0.958	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	8.25	5.00	--	15.5	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	106	1.00	--	252	2.38	--		1
Trichlorofluoromethane	0.231	0.200	--	1.30	1.12	--		1
Isopropanol	1.24	0.500	--	3.05	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	3.45	0.500	--	10.5	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	11.4	0.200	--	35.5	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.51	0.500	--	7.40	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-11
Client ID: SSV006
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.47	0.200	--	5.18	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.730	0.200	--	2.33	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.414	0.200	--	1.43	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.99	0.200	--	8.16	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	78.8	0.500	--	323	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.50	0.200	--	17.0	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.326	0.200	--	2.21	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	4.33	0.200	--	18.8	0.869	--		1

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-11
Client ID: SSV006
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	17.2	0.400	--	74.7	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.441	0.200	--	1.88	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	12.5	0.200	--	54.3	0.869	--		1
4-Ethyltoluene	0.722	0.200	--	3.55	0.983	--		1
1,3,5-Trimethylbenzene	0.822	0.200	--	4.04	0.983	--		1
1,2,4-Trimethylbenzene	3.08	0.200	--	15.1	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	110		60-140
chlorobenzene-d5	104		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-12
Client ID: IA006
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/16/19 21:29
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.418	0.200	--	2.07	0.989	--		1
Chloromethane	0.586	0.200	--	1.21	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	0.259	0.200	--	1.01	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	1.94	1.00	--	4.61	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-12
Client ID: IA006
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.270	0.200	--	1.02	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-12
Client ID: IA006
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	120		60-140
chlorobenzene-d5	113		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-12
Client ID: IA006
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/19 21:29
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.068	0.020	--	0.461	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	101		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	113		60-140

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-13
Client ID: SSV-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/17/19 02:06
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.437	0.200	--	2.16	0.989	--		1
Chloromethane	0.375	0.200	--	0.774	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	7.44	5.00	--	14.0	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	101	1.00	--	240	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.04	0.500	--	2.56	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	2.58	0.500	--	7.82	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	8.28	0.200	--	25.8	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.46	0.500	--	7.26	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-13
Client ID: SSV-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.35	0.200	--	4.76	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.654	0.200	--	2.09	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.359	0.200	--	1.24	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.88	0.200	--	7.70	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	49.7	0.500	--	204	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.64	0.200	--	17.5	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.356	0.200	--	2.41	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	4.49	0.200	--	19.5	0.869	--		1

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

SAMPLE RESULTS

Lab ID: L1947943-13
Client ID: SSV-DUP001
Sample Location: SYRACUSE, NY

Date Collected: 10/11/19 15:35
Date Received: 10/11/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	16.9	0.400	--	73.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.434	0.200	--	1.85	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	13.4	0.200	--	58.2	0.869	--		1
4-Ethyltoluene	0.523	0.200	--	2.57	0.983	--		1
1,3,5-Trimethylbenzene	0.680	0.200	--	3.34	0.983	--		1
1,2,4-Trimethylbenzene	2.60	0.200	--	12.8	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	117		60-140
chlorobenzene-d5	107		60-140

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947943
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/16/19 14:51

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-13 Batch: WG1297017-4								
Propylene	ND	0.500	--	ND	0.861	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947943
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/16/19 14:51

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-13 Batch: WG1297017-4								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947943
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/16/19 14:51

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-13 Batch: WG1297017-4								
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947943
Report Date: 10/18/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/16/19 15:31

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 02,04,06,08,10,12 Batch: WG1297021-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 Batch: WG1297017-3								
Propylene	105		-		70-130	-		
Dichlorodifluoromethane	87		-		70-130	-		
Chloromethane	86		-		70-130	-		
Freon-114	91		-		70-130	-		
Vinyl chloride	90		-		70-130	-		
1,3-Butadiene	93		-		70-130	-		
Bromomethane	87		-		70-130	-		
Chloroethane	88		-		70-130	-		
Ethanol	82		-		40-160	-		
Vinyl bromide	87		-		70-130	-		
Acetone	74		-		40-160	-		
Trichlorofluoromethane	83		-		70-130	-		
Isopropanol	91		-		40-160	-		
1,1-Dichloroethene	85		-		70-130	-		
Tertiary butyl Alcohol	102		-		70-130	-		
Methylene chloride	89		-		70-130	-		
3-Chloropropene	94		-		70-130	-		
Carbon disulfide	84		-		70-130	-		
Freon-113	88		-		70-130	-		
trans-1,2-Dichloroethene	85		-		70-130	-		
1,1-Dichloroethane	87		-		70-130	-		
Methyl tert butyl ether	90		-		70-130	-		
Vinyl acetate	105		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947943
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 Batch: WG1297017-3								
2-Butanone	90		-		70-130	-		
cis-1,2-Dichloroethene	86		-		70-130	-		
Ethyl Acetate	108		-		70-130	-		
Chloroform	94		-		70-130	-		
Tetrahydrofuran	94		-		70-130	-		
1,2-Dichloroethane	90		-		70-130	-		
n-Hexane	98		-		70-130	-		
1,1,1-Trichloroethane	100		-		70-130	-		
Benzene	95		-		70-130	-		
Carbon tetrachloride	110		-		70-130	-		
Cyclohexane	98		-		70-130	-		
1,2-Dichloropropane	98		-		70-130	-		
Bromodichloromethane	100		-		70-130	-		
1,4-Dioxane	105		-		70-130	-		
Trichloroethene	95		-		70-130	-		
2,2,4-Trimethylpentane	100		-		70-130	-		
Heptane	99		-		70-130	-		
cis-1,3-Dichloropropene	114		-		70-130	-		
4-Methyl-2-pentanone	112		-		70-130	-		
trans-1,3-Dichloropropene	105		-		70-130	-		
1,1,2-Trichloroethane	101		-		70-130	-		
Toluene	99		-		70-130	-		
2-Hexanone	122		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294
Lab Number: L1947943
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 Batch: WG1297017-3								
Dibromochloromethane	113		-		70-130	-		
1,2-Dibromoethane	106		-		70-130	-		
Tetrachloroethene	101		-		70-130	-		
Chlorobenzene	103		-		70-130	-		
Ethylbenzene	103		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	122		-		70-130	-		
Styrene	103		-		70-130	-		
1,1,2,2-Tetrachloroethane	110		-		70-130	-		
o-Xylene	105		-		70-130	-		
4-Ethyltoluene	102		-		70-130	-		
1,3,5-Trimethylbenzene	106		-		70-130	-		
1,2,4-Trimethylbenzene	110		-		70-130	-		
Benzyl chloride	118		-		70-130	-		
1,3-Dichlorobenzene	84		-		70-130	-		
1,4-Dichlorobenzene	98		-		70-130	-		
1,2-Dichlorobenzene	104		-		70-130	-		
1,2,4-Trichlorobenzene	108		-		70-130	-		
Hexachlorobutadiene	116		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 02,04,06,08,10,12 Batch: WG1297021-3								
Vinyl chloride	83		-		70-130	-		25
1,1-Dichloroethene	79		-		70-130	-		25
cis-1,2-Dichloroethene	82		-		70-130	-		25
1,1,1-Trichloroethane	106		-		70-130	-		25
Carbon tetrachloride	102		-		70-130	-		25
Trichloroethene	89		-		70-130	-		25
Tetrachloroethene	99		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1297017-5 QC Sample: L1947943-06 Client ID: IA003						
Dichlorodifluoromethane	ND	ND	ppbV	NC		25
Chloromethane	ND	ND	ppbV	NC		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	ND	ND	ppbV	NC		25
Trichlorofluoromethane	ND	ND	ppbV	NC		25
Isopropanol	ND	ND	ppbV	NC		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	ND	ND	ppbV	NC		25
Ethyl Acetate	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1297017-5 QC Sample: L1947943-06 Client ID: IA003						
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	54.8	55.2	ppbV	1		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	2.58	ppbV	NC		25
Toluene	2.52	2.47	ppbV	2		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	17.9	17.6	ppbV	2		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-13 QC Batch ID: WG1297017-5 QC Sample: L1947943-06 Client ID: IA003						
p/m-Xylene	73.0	72.0	ppbV	1		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	20.1	19.8	ppbV	2		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 02,04,06,08,10,12 QC Batch ID: WG1297021-5 QC Sample: L1947943-06 Client ID: IA003						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Trichloroethene	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	ND	ppbV	NC		25

Project Name: JMA WIRELESS

Project Number: 59294

Lab Number: L1947943

Report Date: 10/18/19

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1947943-01	SSV001	01269	Flow 5	10/04/19	303714		-	-	-	Pass	4.5	4.6	2
L1947943-01	SSV001	2308	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.3	-3.3	-	-	-	-
L1947943-02	IA001	01118	Flow 5	10/04/19	303714		-	-	-	Pass	4.5	4.8	6
L1947943-02	IA001	2357	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.2	-1.5	-	-	-	-
L1947943-03	SSV004	01247	FLOW 5	10/04/19	303714		-	-	-	Pass	4.5	5.0	11
L1947943-03	SSV004	233	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.1	-1.9	-	-	-	-
L1947943-04	IA004	0727	Flow 5	10/04/19	303714		-	-	-	Pass	4.5	3.9	14
L1947943-04	IA004	115	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.3	-8.0	-	-	-	-
L1947943-05	SSV003	01249	FLOW 5	10/04/19	303714		-	-	-	Pass	4.5	4.3	5
L1947943-05	SSV003	485	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.5	-6.8	-	-	-	-
L1947943-06	IA003	01213	Flow 5	10/04/19	303714		-	-	-	Pass	4.5	4.5	0
L1947943-06	IA003	2684	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.0	-2.5	-	-	-	-
L1947943-07	SSV002	0262	Flow 5	10/04/19	303714		-	-	-	Pass	4.5	4.7	4
L1947943-07	SSV002	2177	2.7L Can	10/04/19	303714	L1945306-04	Pass	-28.4	-2.0	-	-	-	-
L1947943-08	IA002	0716	Flow 5	10/04/19	303714		-	-	-	Pass	4.5	4.7	4

Project Name: JMA WIRELESS

Lab Number: L1947943

Project Number: 59294

Report Date: 10/18/19

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L1947943-08	IA002	262	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.0	-2.5	-	-	-	-
L1947943-09	SSV005	0340	Flow 5	10/04/19	303714		-	-	-	Pass	4.5	4.6	2
L1947943-09	SSV005	2878	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.4	-4.0	-	-	-	-
L1947943-10	IA005	01205	Flow 5	10/04/19	303714		-	-	-	Pass	4.5	4.8	6
L1947943-10	IA005	3029	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.4	-4.6	-	-	-	-
L1947943-11	SSV006	01284	Flow 5	10/04/19	303714		-	-	-	Pass	4.5	4.6	2
L1947943-11	SSV006	2191	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.0	-8.5	-	-	-	-
L1947943-12	IA006	01364	Flow 5	10/04/19	303714		-	-	-	Pass	4.5	4.7	4
L1947943-12	IA006	186	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.5	-6.3	-	-	-	-
L1947943-13	SSV-DUP001	0284	Flow 5	10/04/19	303714		-	-	-	Pass	4.5	4.7	4
L1947943-13	SSV-DUP001	2450	2.7L Can	10/04/19	303714	L1945306-04	Pass	-29.5	-7.5	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1945306
Report Date: 10/18/19

Air Canister Certification Results

Lab ID: L1945306-04
Client ID: CAN 2853 SHELF 2
Sample Location:

Date Collected: 09/30/19 16:00
Date Received: 10/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/01/19 20:27
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1945306
Report Date: 10/18/19

Air Canister Certification Results

Lab ID: L1945306-04
Client ID: CAN 2853 SHELF 2
Sample Location:

Date Collected: 09/30/19 16:00
Date Received: 10/01/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1945306
Report Date: 10/18/19

Air Canister Certification Results

Lab ID: L1945306-04
Client ID: CAN 2853 SHELF 2
Sample Location:

Date Collected: 09/30/19 16:00
Date Received: 10/01/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1945306
Report Date: 10/18/19

Air Canister Certification Results

Lab ID: L1945306-04
Client ID: CAN 2853 SHELF 2
Sample Location:

Date Collected: 09/30/19 16:00
Date Received: 10/01/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1945306
Report Date: 10/18/19

Air Canister Certification Results

Lab ID: L1945306-04
Client ID: CAN 2853 SHELF 2
Sample Location:

Date Collected: 09/30/19 16:00
Date Received: 10/01/19
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1945306
Report Date: 10/18/19

Air Canister Certification Results

Lab ID: L1945306-04
Client ID: CAN 2853 SHELF 2
Sample Location:

Date Collected: 09/30/19 16:00
Date Received: 10/01/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/01/19 20:27
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1945306
Report Date: 10/18/19

Air Canister Certification Results

Lab ID: L1945306-04
Client ID: CAN 2853 SHELF 2
Sample Location:

Date Collected: 09/30/19 16:00
Date Received: 10/01/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L1945306
Report Date: 10/18/19

Air Canister Certification Results

Lab ID: L1945306-04
Client ID: CAN 2853 SHELF 2
Sample Location:

Date Collected: 09/30/19 16:00
Date Received: 10/01/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	95		60-140

Project Name: JMA WIRELESS
Project Number: 59294

Lab Number: L1947943
Report Date: 10/18/19

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1947943-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1947943-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1947943-03A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1947943-04A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L1947943-05A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1947943-06A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1947943-07A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1947943-08A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L1947943-09A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1947943-10A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L1947943-11A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)
L1947943-12A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L1947943-13A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	JMA WIRELESS	**Lab Number:**	L1947943
Project Number:	59294	**Report Date:**	10/18/19

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: Data Usability Report

Project Name:	JMA WIRELESS	**Lab Number:**	L1947943
Project Number:	59294	**Report Date:**	10/18/19

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the reporting limit (RL) for the sample.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

AIR ANALYSIS

PAGE 1 OF 2

ALPHA ANALYTICAL

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/12/19

ALPHA Job #: L1947943

Client Information

Client: CHA
Address: 300 S. State St Suite 600 Syracuse, NY 13202
Phone: 315 257 7154
Fax:
Email: smiller@chacompanies.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: JMA Wireless
Project Location: Syracuse, NY
Project #: 59294
Project Manager: L. Cassalia
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH Sulfur Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
47943.01	SSV001	10/11/2019	0655	1521	-30.21	-1.96	SV	SM	2.7	2308	01269	X						
.02	IA001		0655	1521	-30.07	-3.73	AA	SM	2.7	2357	01118	X						
.03	~~SSV002~~ SSV004		0708	1513	-30.06	-2.43	SV	SM	2.7	233	01247	X						
.04	~~IA002~~ IA004		0708	1513	-30.20	-8.81	AA	SM	2.7	~~07~~ 45	0727	X						
.05	SSV003		0712	1519	-29.97	-6.91	SV	SM	2.7	485	01249	X						
.06	IA003		0712	1519	-30.38	-2.93	AA	SM	2.7	2684	01213	X						
.07	~~SSV004~~ SSV002		0728	1530	-30.52	-2.28	SV	SM	2.7	2177	0262	X						
.08	~~IA004~~ IA002		0728	1530	-30.48	-3.32	AA	SM	2.7	~~362~~ 363	0716	X						
.09	SSV005		0704	1510	-29.72	-4.37	SV	SM	2.7	2878	0340	X						
.10	IA005	↓	0704	1510	-30.43	-4.89	AA	SM	2.7	01205	3029	X						
										Container Type		CS						

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Relinquished By:	Date/Time	Received By:	Date/Time:
Annette Moller	10/11/2019 1415	AAL Mike Raymond	10/4/19 18 3D
Mike Raymond	10/4/19 18	AAC	10/12/19 0345
AAC	10/12/19 0430		10/12/19 0430

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Form No: 101-02 Rev: (25-Sep-15)

AIR ANALYSIS

PAGE 2 OF 2

ALPHA ANALYTICAL

CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/12/19

ALPHA Job #: L1947943

Client Information

Client: CHA
Address: 300 S. State St Suite 600 Syracuse, NY 13202
Phone: 315 257 7154
Fax:
Email: smiller@chacompanies.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: JMA Wireless
Project Location: Syracuse, NY
Project #: 59294
Project Manager: L. Cassalia
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH (Subject Non-Detection Info) ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
47943.01	SSV-006	10/11/19	0855	1535	-30.15	-9.11	SV	SM	2.7	2191	01284	X					
.02	IA-006	↓	0855	1535	-30.01	-7.06	AA	SM	2.7	196	01364	X					
.03	SSV-DUP001	↓	0855	1535	-30.38	-8.34	SV	SM	2.7	2450	0284	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 6

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Samantha Miller	10/11/2019 1415	AA	
Mike Rodgers	10/11/19 1830	Mike Rodgers	10/11/19 1830
	10/12/19 0430		10/12/19 0345
			10/12/19 0430

Form No: 101-02 Rev: (25-Sep-15)

Attachment B

Soil Boring Logs

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-100

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/7/2020 8:55:00 AM
FINISH DATE and TIME:	12/7/2020 9:20:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
								f.m.c. SAND and f. GRAVEL, brown, compact, moist **(FILL)**			
						2					
S1	5	2.9	0.2								
						4					
						6		**f. GRAVEL**, Some f. Sand, light brown, loose, wet **(GP)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								SILT, dark brown, medium stiff, moist **(ML)**			
S2	5	2	0.0			8					
						10					
								Silty CLAY, brown, soft, moist **(CL-ML)**			
								SILT, Some f. Gravel, grey, soft, moist **(ML)**			
						12				Collected soil sample SOIL-SB-100 from 12ft to 14ft bgs at 09:20.	
S3	5	5	0.2					**f. SAND**, grey, medium compact, moist **(SM)**			
						14					
								f.m.c. SAND and SILT, loose, saturated **(SM)**			
						16					
S4	5	5	0.0								
						18		**f. SAND**, grey, medium compact, wet **(SM)**			
								lense of f. Gravel			

End of Boring at 20 ft

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-101

PROJECT NUMBER: 059294.001.0008500 12/20/2020

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/7/2020 9:35:00 AM
FINISH DATE and TIME:	12/7/2020 10:05:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	12-11-20	11:30	8.7		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2		**c. GRAVEL**, little c. sand, grey, loose, moist **(FILL)**			
S1	5	2.5	0.0								
						4		**f.c. GRAVEL**, Some f.m.c. Sand, grey, medium compact, moist **(FILL)**			
						6		**c. GRAVEL**, little f.m.c. sand, grey, loose, moist **(GP)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								f. SAND, tan, white, grey and black, medium compact, moist **(SP)**			
S2	5	3.8	0.0			8		**Silty CLAY**, light brown, stiff, moist **(CL-ML)**			
								becomes dark brown			
						10		**SILT**, grey, soft, moist **(ML)**			
						12		**f. SAND**, Some Silt, grey, loose, moist **(SM)**			
S3	5	4.4	0.0					wood			
						14		**f.m.c. SAND**, little gravel, grey, loose, moist **(SP)**			
								f.c. GRAVEL, little f.m.c. sand, brown, compact, moist **(GP)**			
						16		**f.m. SAND**, grey, loose, saturated **(SP)**			
S4	5	3.8	0.0			18		**f.m.c. SAND**, trace f. gravel, grey, loose, saturated **(SP)**			

End of Boring at 20 ft

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Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-102

PROJECT NUMBER: 059294.001.0008500 12/20/2020

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/7/2020 10:30:00 AM
FINISH DATE and TIME:	12/7/2020 10:55:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2					
S1	5	4.1	0.0					**f.m.c. SAND**, black and brown, compact, moist **(FILL)**			
								BRICK, red brick **(FILL)**			
						4		**f.m.c SAND**, black and brown, compact, moist **(FILL)**			
								BRICK, **(FILL)**			
								f.m.c. SAND, trace f. gravel, brown, compact, moist **(FILL)**			
						6		**Silty CLAY**, brown, stiff, moist **(CL-ML)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
S2	5	1.3	0.0			8					
						10					
						12		becomes grey			
S3	5	5	0.0					**f.m. SAND**, Some Silt, grey, medium compact, moist **(SM)**			
						14		wood			
								Silty CLAY, grey, soft, wet **(CL-ML)**			
						16		**f. SAND**, grey, loose, saturated **(SM)**			
								m.c. SAND and f. GRAVEL, rounded, dark grey, loose, saturated **(SP)**			
S4	5	4	0.5			18					

End of Boring at 20 ft

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PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-103

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/7/2020 11:30:00 AM
FINISH DATE and TIME:	12/7/2020 11:55:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2		**Silty CLAY**, little f. gravel, light brown, compact, moist, glass fragments **(FILL)**			
S1	5	4.2	0.0								
						4					
						6				Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								f.m. SAND, Some f. Gravel, grey, loose, moist **(FILL)**			
S2	5	2	0.0					**Silty CLAY**, light brown, stiff, moist **(CL-ML)**			
						8		**Silty CLAY**, trace f. gravel, dark brown, medium stiff, moist **(CL-ML)**			
						10		**SILT**, Some f.m.c Sand, light brown, soft, saturated **(SM)**			
								f.m.c. SAND, Some Gravel, dark brown, compact, mosit **(SP)**			
						12		**Silty CLAY**, grey, stiff, wet **(CL-ML)**			
S3	5	5	0.0								
						14					
						16					
S4	5	5	0.0								
						18		**f. SAND**, Some Silt, grey, compact, moist **(SM)**			

End of Boring at 20 ft

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-104

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/7/2020 12:40:00 PM
FINISH DATE and TIME:	12/7/2020 1:05:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	12-11-20	08:50	9.5		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2					
S1	5	3.8	0.0					**f. GRAVEL**, loose, tan, dry **(FILL)**			
								Silty CLAY, brown, stiff, moist **(FILL)**			
								lens of black gravel			
								lens of black gravel			
						4					
								lens of black gravel		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
						6		**f.m. SAND and SILT**, light brown, stiff, moist **(SM)**			
								Silty CLAY, brown, stiff, moist **(CL-ML)**			
S2	5	2.4	0.0								
						8		**f.m. SAND**, Some f. Gravel, little silt, bornw, loose, saturated **(SP)**			
						10					
						12				The lithology from 10 to 15 feet bgs is interpreted from less than 20% recovery in the macrocore sampler. Actual lithology may vary.	
S3	5	0.6	0.0								
						14					
						16		**Silty CLAY**, brown, stiff, moist **(CL-ML)**			
S4	5	4	0.2			18		becomes grey			

End of Boring at 20 ft

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PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-105

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/7/2020 1:25:00 PM
FINISH DATE and TIME:	12/7/2020 1:55:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2		**f.m.c. SAND**, Some f.c. Gravel, black, orange, and white, medium compact, moist **(FILL)**			
S1	5	3.1	0.1					**Silty CLAY**, light brown, stiff, moist **(FILL)**			
						4					
						6		**f.m.c. SAND**, Some f. Gravel, brown, compact, moist, brick fragments **(FILL)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								Silty CLAY, light brown, stiff, moist **(CL-ML)**			
S2	5	3	0.7			8		**Silty CLAY**, Some f. Gravel, stiff, moist **(CL-ML)**			
						10					
								Silty CLAY, dark grey, stiff, moist **(CL-ML)**			
						12		**f. SAND**, light brown, medium compact, moist **(SM)**			
S3	5	2.8	0.2								
						14		**f.m. SAND**, Some Silt, trace f. gravel, light brown, loose, moist **(SM)**			
						16					
								f. GRAVEL, Some f.m.c Sand, little silt, grey, medium compact, moist **(GM)**			
S4	5	2.9	0.4			18					
								f.m.c. SAND, trace f. gravel, grey, loose, moist **(SP)**			

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PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-105

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								f.m.c. SAND, trace f. gravel, grey, loose, moist **(SP)** *(continued)*			
								f. SAND, grey, loose, saturated **(SP)**		Collected soil sample SOIL-SB-105 from 20 ft - 22 ft bgs at 13:50.	
						22		**Silty CLAY**, grey, medium stiff, wet **(CL-ML)**			
S5	5	5	0.2								
						24					
								End of Boring at 25 ft			
						26					
						28					
						30					
						32					
						34					
						36					
						38					
						40					
						42					
						44					

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-106

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/8/2020 8:10:00 AM
FINISH DATE and TIME:	12/8/2020 8:55:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
S1	5	3.2	0.0			2		**Silty CLAY**, trace f. gravel, brown, stiff, moist **(FILL)**			
						4				Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
						6		brick, asphalt, other debris			
S2	5	3.4	0.9			8		**f.m.c. SAND**, Some f.c. Gravel, light brown, compact, moist **(FILL)** **BRICK**, brick debris **(FILL)** **f.m.c. SAND**, black, compact, moist **(SM)** **Silty CLAY**, black, stiff, moist, petroleum odor **(CL-ML)**			
						10		**f.m.c. SAND**, black, compact, moist **(SM)**			
						12		**Silty CLAY**, grey, medium stiff, moist **(CL-ML)**			
S3	5	5	33.9					**f.m. SAND**, trace f. gravel, grey, medium compact, wet **(SP)**			
						14				Soil sample SOIL-SB-106 collected from 14 ft - 16 ft bgs at 08:45.	
								Petroleum Odor			
						16					
S4	5	5	13.7			18					

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PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-106

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S5	5	5	0.4			22 24		**Silty CLAY**, brown, soft, moist **(CL-ML)**			
								End of Boring at 25 ft			
						26					
						28					
						30					
						32					
						34					
						36					
						38					
						40					
						42					
						44					

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-111

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/8/2020 11:30:00 AM
FINISH DATE and TIME:	12/8/2020 12:00:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2		**f. SAND**, Some Silt, orange and brown, medium compact, moist **(FILL)**			
S1	5	3.5	0.2					**Silty CLAY**, Some f. Gravel, black and brown, stiff, moist **(FILL)**			
						4				Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								Silty CLAY, black, stiff, moist, slight petroleum odor **(FILL)**			
						6		**BRICK**, brick, metal, other debris **(FILL)**			
								Silty CLAY, black, stiff, moist **(CL-ML)**			
S2	5	3	1.6			8					
						10		**f.m.c. SAND**, Some f. Gravel, dark grey, loose, saturated **(SP)**			
								Silty CLAY, grey and white, stiff, moist, slight petroleum odor **(CL-ML)**		Collected soil sample SOIL-SB-111 from 11 ft - 13 ft bgs at 11:50.	
						12					
S3	5	4	3.4								
						14		becomes soft and wet			
						16					
S4	5	5	0.0								
						18		wood			

End of Boring at 20 ft

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Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-112

PROJECT NUMBER: 059294.001.0008500 12/20/2020

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/8/2020 12:50:00 PM
FINISH DATE and TIME:	12/8/2020 1:30:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	12-11-20	10:20	9.9		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								TOPSOIL, **(FILL)**			
								f. GRAVEL, Some f.m.c Sand, black and orange, compact, moist **(FILL)**			
								Silty CLAY, light brown, stiff, moist **(FILL)**			
								BRICK, **(FILL)**			
						2		**Silty CLAY**, brown, medium stiff, moist **(FILL)**			
S1	5	3.4	0.0								
						4					
								No Recovery			
						6					
S2	5	0								Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
						8					
						10		**Silty CLAY**, dark brown, stiff, moist **(CL-ML)**			
						12		**SILT**, tan and grey, soft, moist **(ML)**			
S3	5	5	3.2								
						14					
						16		**f. SAND**, Some Silt, trace f. gravel, grey, medium compact, wet **(SM)**			
S4	5	4	15.2								
						18		**f.m.c. SAND**, Some f. gravel, grey, loose, wet **(SP)**			

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-112

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S5	5	5	1.1			22 24		**SILT**, Some f. Sand, grey, soft, wet **(SM)** **f.m.c. SAND**, Some f. Gravel, grey, wet **(SP)** **Silty CLAY**, brown, soft, wet **(CL-ML)**			
								End of Boring at 25 ft			
						26					
						28					
						30					
						32					
						34					
						36					
						38					
						40					
						42					
						44					

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-113

LOCATION: Syracuse, New York
CLIENT: JMA Wireless
CONTRACTOR: NYEG Drilling
DRILLER: J. Rauscher
INSPECTOR: K. Ehmann
START DATE and TIME: 12/8/2020 2:00:00 PM
FINISH DATE and TIME: 12/8/2020 2:30:00 PM
SURFACE ELEV:
CHECKED BY: K. Ehmann

DRILL FLUID: None
DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								f.m.c. SAND, Some f.c. Gravel, brown, compact, moist **(FILL)**			
								f.m.c. SAND, Some f.c. Gravel, grey, compact, dry **(FILL)**			
						2		**Silty CLAY**, brown, stiff, moist **(FILL)**			
S1	5	2.8	0.0					**f.m.c. SAND**, Some f. Gravel, black and orange, loose, moist, brick fragments **(FILL)**			
						4					
								Silty CLAY, brown, black staining, stiff, moist **(CL-ML)**			
						6				Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								f.m.c. SAND, Some f. Gravel, white and grey, compact, moist, some seashells **(SP)**			
S2	5	3	13.8			8		**f. GRAVEL**, black, loose, petroleum odor **(GP)**			
						10		**Silty CLAY**, brown, medium stiff, moist **(CL-ML)**			
						12				Collected soil sample SOIL-SB-113 from 12 ft - 14 ft bgs at 15:10.	
S3	5	4.1	17.3					**SILT**, light brown, soft, wet **(ML)**			
						14		**Silty CLAY**, grey, soft, saturated **(CL-ML)**			
						16		becomes stiff, moist			
S4	5	5	9.0			18		**f. SAND**, trace f. gravel, medium loose, moist **(SP)**			
								wood			
								wood			

End of Boring at 20 ft

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-114

PROJECT NUMBER: 059294.001.0008500 12/20/2020

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/8/2020 2:45:00 PM
FINISH DATE and TIME:	12/8/2020 3:05:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2		**SILT**, Some f.m. Sand, brown, stiff, moist **(FILL)**			
S1	5	3.2	0.0					**BRICK**, crushed red brick **(FILL)**			
						4					
						6		**Silty CLAY**, grey, stiff, moist **(CL-ML)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
S2	5	3.8	5.6			8					
						10		**f.m. SAND**, Some Silt, grey, loose, saturated **(SM)**			
								Silty CLAY, grey, medium stiff, saturated **(CL-ML)**			
						12					
S3	5	3.7	0.0					**SILT**, light tan, soft, wet **(ML)**			
						14					
								No Recovery			
						16					
S4	5	0				18					

End of Boring at 20 ft

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Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-115

PROJECT NUMBER: 059294.001.0008500 12/20/2020

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/8/2020 3:25:00 PM
FINISH DATE and TIME:	12/8/2020 3:45:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
								Silty CLAY, little f. gravel, brown, stiff, moist **(CL-ML)**			
						2					
S1	5	3.3	0					**Silty CLAY**, brown, stiff, moist **(CL-ML)**			
						4					
								c. GRAVEL, grey, loose, dry **(GP)**			
						6		**Silty CLAY**, brown, stiff, moist **(CL-ML)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								f.m.c. SAND, black, compact, moist, some seashells **(SM)**			
S2	5	2.4	0.6					**Silty CLAY**, black, stiff, moist **(CL-ML)**			
						8					
								f.m.c. SAND, Some f. Gravel, black, loose, saturated, black staining, petroleum free product **(SP)**			
						10					
								Silty CLAY, grey, medium stiff, saturated, sheen **(CL-ML)**			
						12					
S3	5	3	42.7							Collected soil sample SOIL-SB-115 from 12 ft - 14 ft bgs at 15:45.	
						14					
								becomes soft			
						16					
								changes to moist, sheen no longer present, lower PID readings			
S4	5	5	30.3			18					

End of Boring at 20 ft

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-116

PROJECT NUMBER: 059294.001.0008500 12/20/2020

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/9/2020 8:15:00 AM
FINISH DATE and TIME:	12/9/2020 8:35:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	12-11-20	08:00	9.6		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								f. GRAVEL, grey, loose, moist **(FILL)**			
								f.m.c. SAND, Some Silt, brown, compact, moist **(FILL)**			
								BRICK, **(FILL)**			
								Silty CLAY, brown, stiff, moist **(FILL)**			
						2		**f.c. GRAVEL**, black, loose **(FILL)**			
S1	5	2.6	0.0					**SILT**, Some f. Sand, brown, soft, moist **(ML)**			
						4		**Silty CLAY**, brown, medium stiff, moist **(CL-ML)**			
						6				Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
S2	5	3.9	0.0			8					
								SILT, brown, moist, soft **(ML)**			
						10					
						12		**f.m.c. SAND**, brown, loose, moist **(SP)**		Soil sample SOIL-SB-116 collected from 12 - 14 ft bgs at 08:25.	
S3	5	4.5	0.0								
						14					
								becomes saturated			
						16					
S4	5	5	0.0								
						18					

End of Boring at 20 ft

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-117

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/9/2020 9:00:00 AM
FINISH DATE and TIME:	12/9/2020 9:25:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2		**f.m.c. SAND**, Some f. Gravel, brown, compact, moist **(FILL)**			
S1	5	3.4	0.0					**Silty CLAY**, trace f. gravel, stiff, moist, some brick fragments **(FILL)**			
						4		**f.c. GRAVEL**, grey, moist, angular gravel **(FILL)**			
								Silty CLAY, trace f. gravel, stiff, moist **(FILL)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
						6		**f.c. GRAVEL**, grey, loose, moist **(FILL)**			
								Silty CLAY, grey, stiff, moist **(CL-ML)**			
S2	5	2.9	0.0			8		**f.m.c. SAND**, Some f.c. Gravel, brown, medium compact, moist **(SP)**			
						10		becomes wet			
S3	5	3.4	0.0			12					
						14					
								No Recovery			
						16					
S4	5	0				18					

End of Boring at 20 ft

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-118

PROJECT NUMBER: 059294.001.0008500 12/20/2020

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/9/2020 9:45:00 AM
FINISH DATE and TIME:	12/9/2020 11:50:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S1	5	0				2, 4		Macrocore sampler unable to be recovered from drive probe. No recovery.			
								Silty CLAY, brown, medium stiff, moist **(FILL)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								f. GRAVEL, grey, loose, moist **(FILL)**			
						6		**Silty CLAY**, brown, medium stiff, moist **(CL-ML)**			
S2	5	4.1	0.0					becomes dark grey			
						8		**SILT**, dark brown, soft, moist **(ML)**			
						10					
						12		**f.m. SAND**, Some Silt, grey, medium compact, moist **(SM)**			
S3	5	3.9	0.0								
						14					
						16		**f. SAND**, Some Silt, light tan, loose, moist, some seashells **(SM)**			
								SILT, dark brown, soft, moist **(ML)**			
								f. SAND, Some Silt, grey, loose, moist **(SM)**			
S4	5	4.2	0.0			18					

End of Boring at 20 ft

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-119

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/9/2020 12:10:00 PM
FINISH DATE and TIME:	12/9/2020 12:50:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	12-11-20	08:25	7.8		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								TOPSOIL, **(FILL)**			
								f.c. GRAVEL, black and grey, loose, moist **(FILL)**			
								Silty CLAY, trace f. gravel, brown and grey, stiff, moist **(FILL)**			
S1	5	3.2	0.0			2					
						4				Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								BRICK, **(FILL)**			
						6		**Silty CLAY**, brown and grey, stiff, moist **(CL-ML)**			
S2	5	2.4	0.0					**SILT**, dark brown, soft, moist **(ML)**			
						8					
						10		No recovery			
						12					
S3	5	0									
						14					
								Silty CLAY, brown, soft, moist **(CL-ML)**			
						16					
								SILT, grey, soft, wet **(ML)**			
S4	5	5	0.0			18					
								f.m.c. SAND, little f. gravel, grey, compact, wet **(SP)**			

End of Boring at 20 ft

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Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-120

PROJECT NUMBER: 059294.001.0008500 12/20/2020

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/9/2020 1:00:00 PM
FINISH DATE and TIME:	12/9/2020 1:20:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2					
S1	5	3.7	0.0					**Silty CLAY**, trace f. gravel, brown, stiff, moist **(FILL)**			
						4					
								f. GRAVEL, grey, compact, moist **(FILL)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
						6		**Silty CLAY**, little c. gravel, dark brown, medium stiff, moist **(CL-ML)**			
S2	5	4	0.0								
						8					
						10					
								SILT, dark brown, medium stiff, moist **(ML)**			
								SILT, light tan, soft, moist **(ML)**			
						12					
S3	5	2	0.0								
						14		**f.m. SAND**, grey, compact, moist **(SM)**			
								Silty CLAY, grey, soft, moist **(CL-ML)**			
						16		**f.m. SAND**, grey, compact, wet **(SM)**		Collected soil samples SOIL-SB-120 from 16 ft - 20 ft bgs at 13:10.	
S4	5	2.9	0.0								
						18					

End of Boring at 20 ft

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-130

PROJECT NUMBER: 059294.001.0008500 12/20/2020

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/10/2020 1:00:00 PM
FINISH DATE and TIME:	12/10/2020 1:20:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE			
								f.m.c. SAND, Some f. Gravel, dark brown, compact, moist **(FILL)**			
						2		**Silty CLAY**, dark brown, medium stiff, moist **(CL-ML)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
S1	5	2.6	0.0					**f.m.c. SAND**, Some f. Gravel, dark brown, compact, moist **(SP)**			
						4					
						6					
S2	5	3.9	0.2					**m.c. SAND**, brown, compact, wet **(SP)**			
						8		**Silty CLAY**, grey, stiff, moist **(CL-ML)**			
						10					
						12					
S3	5	4.4	0.5					**f.m.c. SAND**, trace f. gravel, dark grey, compact, wet **(SP)**			
						14					
						16					
S4	5	3.7	0.3			18				Collected soil samples SOIL-SB-130 from 18 ft - 20 ft bgs at 13:15.	

End of Boring at 20 ft

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-133

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/10/2020 2:15:00 PM
FINISH DATE and TIME:	12/10/2020 2:45:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	12-11-20	11:00	9.9		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								CONCRETE			
								Silty CLAY, Some f. Gravel, brown, medium stiff, moist **(FILL)**			
								f.m.c. SAND, black, compact, moist **(FILL)**			
						2		**Silty CLAY**, brown, stiff, moist **(CL-ML)**			
S1	5	3.5	0.0					**f.m.c. SAND**, black, compact, moist **(SM)**			
								Silty CLAY, brown and black, stiff, moist **(CL-ML)**			
						4		**f.m.c. SAND**, little f. gravel, black, compact, moist **(SP)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
						6		lens of grey f.c. gravel			
								Silty CLAY, brown, soft, moist, some black staining **(CL-ML)**			
S2	5	2.1	0.0			8					
								Silty CLAY, brown, stiff, moist **(CL-ML)**			
						10					
								SILT, light tan, soft, moist **(ML)**			
						12		**Silty CLAY**, grey, medium stiff, moist **(CL-ML)**			
S3	5	4.8	0.1								
						14		**f.m. SAND**, Some f. Gravel, medium compact, grey, moist **(SP)**			
								becomes loose and saturated			
						16					
S4	5	4.2	1.8			18					

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PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-133

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S5	5	5	0.2			22 24		**f.m. SAND**, Some f. Gravel, medium compact, grey, moist **(SP)** *(continued)* **Silty CLAY**, grey, soft, saturated **(CL-ML)** **f.m. SAND**, grey, medium compact, saturated **(SM)**			
								End of Boring at 25 ft			
						26 28 30 32 34 36 38 40 42 44					

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CHA	PROBE LOG – DELINEATION
PROJECT & LOCATION: Phase II Cortland and S. Clinton	PROJECT NO.: 059294.001.0008500
CLIENT: GEC Consulting	DATE: 12/7/2020 – 12/10/2020
CONTRACTOR: NYEG Drilling LLC	INSPECTOR: K. Ehmann
DRILLER: Joel Rauscher	RIG TYPE/MODEL: 7822DT Geoprobe

Date	Soil Boring No.	Odors (Y/N)	Staining (Y/N)	PID Readings (ppm)	Vertical Interval Impacted (ft. bgs)	Depth Groundwater Encountered (ft. bgs)	Soil Sample Collected (Sample name, depth interval)	Comments/Other Observations
12/8/2020	SB-107	Y	N	7.6 4.4	14-16 16-18	~9	No Sample	Offset is 15 ft N of SB-106 Low PID readings, slight odor
12/8/2020	SB-108	Y	N	3.2 1.2	14-16 16-18	~9	SOIL-SB-108 collected from 14 – 16 ft bgs at 09:40	Offset is 30 ft N of SB-106, Less odor, lower PID readings
12/8/2020	SB-109	Y	Y	2.9 0.0	14-18 18-20	~9	No Sample	Offset is 15 ft S of SB-106 Mild odors 14 – 18 ft bgs, no elevated PID readings
12/8/2020	SB-110	Y	Y	2.2 522.0 36.6 4.2	2-4 13-14 16-18 18-20	~9	SOIL-SB-110 collected from 12 – 14 ft bgs at 11:00	Offset is ~25 ft E of SB-106 Black staining and mild odor 9-10 ft bgs Heavy sheen and strong petroleum odor from 13 – 14 ft bgs
12/9/2020	SB-121	Y	Y	9 24.1	9-10 14-15	~9	SOIL-SB-121 collected from 13 – 15 ft bgs at 14:25	Slight black staining from 9 – 10 ft bgs. Odors from 13 – 16 ft bgs

Date	Soil Boring No.	Odors (Y/N)	Staining (Y/N)	PID Readings (ppm)	Vertical Interval Impacted (ft. bgs)	Depth Groundwater Encountered (ft. bgs)	Soil Sample Collected (Sample name, depth interval)	Comments/Other Observations
12/9/2020	SB-122	N	N	0.0	N/A	~9	No Sample	No recovery 10 – 15 ft bgs. No odors in the empty macrocore
12/9/2020	SB-123	N	N	0.0	N/A	~9	No Sample	No odors or evidence of contamination through 20 ft bgs
12/9/2020	SB-124	N	N	0.2 0.0	N/A	~9	SOIL-SB-124 collected from 17 – 20 ft bgs at 15:50	Mild, indistinguishable odor at 14 ft bgs, PID = 0.2 ppm
12/10/2020	SB-125	Y	N	32.6	10-12	~9	SOIL-SB-125 collected from 10 – 12 ft bgs at 09:10	Soil fell out of macrocore upon removal from the borehole from 10 – 15 ft bgs. PID reading of soil on ground = 0.8 ppm
12/10/2020	SB-126	Y	Y	25.4 57.0 395.6	9-10 12-14 15-18	~9	SOIL-SB-126 collected from 15 – 18 ft bgs at 10:30	Odors noticeable from 9 – 18 ft bgs
12/10/2020	SB-127	Y	N	5.5	14-15	~9	No Sample	Soil fell out of macrocore upon removal from the borehole from 15 -20 ft bgs. PID reading of soil on ground= 2.8 ppm

Date	Soil Boring No.	Odors (Y/N)	Staining (Y/N)	PID Readings (ppm)	Vertical Interval Impacted (ft. bgs)	Depth Groundwater Encountered (ft. bgs)	Soil Sample Collected (Sample name, depth interval)	Comments/Other Observations
12/10/2020	SB-128	N	N	0.2 0.0	13-15 15-20	~9	SOIL-SB-128 collected from 15 – 17 ft bgs at 11:15	No evidence of contamination
12/10/2020	SB-129	Y	Y	22.7	8-10	~9	SOIL-SB-129 collected from 9 – 10 ft bgs at 12:05	No recovery 10 – 15 ft bgs
12/10/2020	SB-131	Y	N	1.9 1.5	14-15 15-20	~9	SOIL-SB-131 collected from 15 – 20 ft bgs at 13:40	Soil from 15 – 20 ft bgs began to fall out of the macrocore sampler. Caputred most of it in plastic bag. PID reading = 1.5 ppm
12/10/2020	SB-132	Y	N	1.8	18-20	~9	SOIL-SB-132 collected from 17 – 19 ft bgs at 14:05.	Slight organic odor at 9.5 ft bgs, no PID readings at that depth
12/10/2020	SB-134	Y	N	2.2 4.8	12-14 16-19	~9	SOIL-SB-134 collected from 16 – 18 ft bgs at 15:45.	Temporary well TMW-134 set at this location, screened from 10 – 20 ft bgs

Attachment C

Laboratory Report

ANALYTICAL REPORT

Lab Number:	L2054538
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Karyn Ehmann
Phone:	(315) 471-3920
Project Name:	FORMER COYNE TEXTILE
Project Number:	059294.001.0008500
Report Date:	12/29/20

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2054538-01	SOIL-SB-100	SOIL	SYRACUSE, NY	12/07/20 09:20	12/07/20
L2054538-02	SOIL-SB-105	SOIL	SYRACUSE, NY	12/07/20 13:50	12/07/20
L2054538-03	SOIL-SB-106	SOIL	SYRACUSE, NY	12/08/20 08:45	12/09/20
L2054538-04	SOIL-SB-108	SOIL	SYRACUSE, NY	12/08/20 09:40	12/09/20
L2054538-05	SOIL-SB-110	SOIL	SYRACUSE, NY	12/08/20 11:00	12/09/20
L2054538-06	SOIL-SB-111	SOIL	SYRACUSE, NY	12/08/20 11:50	12/09/20
L2054538-07	SOIL-SB-113	SOIL	SYRACUSE, NY	12/08/20 15:10	12/09/20
L2054538-08	SOIL-SB-115	SOIL	SYRACUSE, NY	12/08/20 15:45	12/09/20
L2054538-09	CHA-1	SOIL	SYRACUSE, NY	12/08/20 15:45	12/09/20
L2054538-10	SOIL-SB-116	SOIL	SYRACUSE, NY	12/09/20 08:25	12/09/20
L2054538-11	SOIL-SB-120	SOIL	SYRACUSE, NY	12/09/20 13:10	12/09/20
L2054538-12	SOIL-SB-121	SOIL	SYRACUSE, NY	12/09/20 14:25	12/09/20
L2054538-13	SOIL-SB-124	SOIL	SYRACUSE, NY	12/09/20 15:50	12/09/20
L2054538-14	SOIL-SB-125	SOIL	SYRACUSE, NY	12/10/20 09:10	12/10/20
L2054538-15	SOIL-SB-126	SOIL	SYRACUSE, NY	12/10/20 10:30	12/10/20
L2054538-16	SOIL-SB-128	SOIL	SYRACUSE, NY	12/10/20 11:15	12/10/20
L2054538-17	SOIL-SB-129	SOIL	SYRACUSE, NY	12/10/20 12:05	12/10/20
L2054538-18	SOIL-SB-130	SOIL	SYRACUSE, NY	12/10/20 13:15	12/10/20
L2054538-19	SOIL-SB-131	SOIL	SYRACUSE, NY	12/10/20 13:40	12/10/20
L2054538-20	SOIL-SB-132	SOIL	SYRACUSE, NY	12/10/20 14:05	12/10/20
L2054538-21	TMW-116	WATER	SYRACUSE, NY	12/10/20 08:15	12/11/20
L2054538-22	TMW-119	WATER	SYRACUSE, NY	12/10/20 08:30	12/11/20
L2054538-23	TMW-104	WATER	SYRACUSE, NY	12/10/20 09:10	12/11/20
L2054538-24	CHA-1	WATER	SYRACUSE, NY	12/10/20 09:00	12/11/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2054538-25	TMW-134	WATER	SYRACUSE, NY	12/10/20 09:40	12/11/20
L2054538-26	TMW-112	WATER	SYRACUSE, NY	12/10/20 10:30	12/11/20
L2054538-27	TMW-133	WATER	SYRACUSE, NY	12/10/20 11:10	12/11/20
L2054538-28	TMW-101	WATER	SYRACUSE, NY	12/10/20 11:40	12/11/20
L2054538-29	MW-5A	WATER	SYRACUSE, NY	12/11/20 13:10	12/11/20
L2054538-30	MW-6A	WATER	SYRACUSE, NY	12/10/20 13:45	12/11/20
L2054538-31	MW-7A	WATER	SYRACUSE, NY	12/10/20 14:25	12/11/20
L2054538-32	TRIP BLANK	WATER	SYRACUSE, NY	12/10/20 14:45	12/11/20
L2054538-33	SOIL-SB-134	SOIL	SYRACUSE, NY	12/10/20 15:45	12/10/20

Project Name:	FORMER COYNE TEXTILE	**Lab Number:**	L2054538
Project Number:	059294.001.0008500	**Report Date:**	12/29/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	FORMER COYNE TEXTILE	**Lab Number:**	L2054538
Project Number:	059294.001.0008500	**Report Date:**	12/29/20

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2054538-19: The collection date and time on the chain of custody was 10-DEC-20 13:45; however, the collection date/time on the container label was 10-DEC-20 13:40. At the client's request, the collection date/time is reported as 10-DEC-20 13:40.

Volatile Organics

The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene on the following samples; however, re-analysis was not performed due to coelution with an obvious interference. Copies of the chromatograms are included as an attachment to this report:

L2054538-07: 249%

L2054538-08: 135%

L2054538-14: 157%

L2054538-15: 137%

L2054538-17: 138%

L2054538-23 was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

WG1447743-6/-7: The MS/MSD was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded. The native sample had a pH<2; therefore, the sample was analyzed within method required holding time.

Semivolatile Organics

Case Narrative (continued)

The WG1445792-4/-5 MS/MSD recoveries, performed on L2054538-28, are below the acceptance criteria for 3,3'-dichlorobenzidine (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.
The WG1446971-4 MS/MSD recovery, performed on L2054538-11, is below the acceptance criteria for benzoic acid (0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

Perfluorinated Alkyl Acids by Isotope Dilution
L2054538-07 and -19: The MeOH fraction of the extraction is reported for the following compounds: Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).
L2054538-21RE: The MeOH fraction of the extraction is reported for the following compounds: Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).
L2054538-21, -25, -27, -30, and -30RE: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
WG1447583-1: The Extracted Internal Standard recovery for the Method Blank, associated with L2054538-15 and -19, is below the acceptance criteria for M8FOSA (less than 10%); however, all associated samples are non-detect for FOSA and and have an acceptable Extracted Internal Standard recovery for M8FOSA; therefore, no further actions were taken.
The WG1448033-1 Method Blank, associated with L2054538-32, has a concentration above the reporting limit for 6:2 FTS and 8:2 FTS. Since the sample was non-detect to the RL for these target analytes, no further actions were taken. The results of the original analysis are reported.
The WG1447322-2/-3 LCS/LCSD recoveries, associated with L2054538-03, -07, -10, and -13, are above the acceptance criteria for perfluorotetradecanoic acid (pfta) (142%/144%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.
The WG1447583-2/-3 LCS/LCSD recoveries, associated with L2054538-15 and -19, are above the

Project Name:	FORMER COYNE TEXTILE	**Lab Number:**	L2054538
Project Number:	059294.001.0008500	**Report Date:**	12/29/20

Case Narrative (continued)

acceptance criteria for perfluorononanesulfonic acid (pfns) (LCSD at 134%) and perfluorotetradecanoic acid (pfta) (148%/148%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1447322-4 MS recovery, performed on L2054538-03, is outside the acceptance criteria for perfluorotetradecanoic acid (pfta) (141%).

WG1447322-5: The MeOH fraction of the extraction is reported for the following compounds: Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).

Total Metals

L2054538-28: The sample has elevated detection limits for all elements, with the exception of mercury, due to the prep dilution required by the sample matrix.

The WG1447818-3/-4 MS/MSD recoveries, performed on L2054538-11, are outside the acceptance criteria for arsenic (MS 166%), chromium (MSD 73%), and lead (69%/71%). A post digestion spike was performed and was within acceptance criteria. The MS/MSD RPD for arsenic (29%) is above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative

Date: 12/29/20

ORGANICS

VOLATILES

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01
Client ID: SOIL-SB-100
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 09:20
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 13:43
Analyst: NLK
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.98	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01 Date Collected: 12/07/20 09:20

Client ID: SOIL-SB-100 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	42		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	8.2	J	ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
Methyl Acetate	ND		ug/kg	5.6	1.3	1
Cyclohexane	ND		ug/kg	14	0.76	1
1,4-Dioxane	ND		ug/kg	110	49.	1
Freon-113	ND		ug/kg	5.6	0.97	1
Methyl cyclohexane	ND		ug/kg	5.6	0.85	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02
Client ID: SOIL-SB-105
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 13:50
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 12:38
Analyst: MKS
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.8	1.7	1
1,1-Dichloroethane	ND		ug/kg	0.76	0.11	1
Chloroform	ND		ug/kg	1.1	0.10	1
Carbon tetrachloride	ND		ug/kg	0.76	0.17	1
1,2-Dichloropropane	ND		ug/kg	0.76	0.09	1
Dibromochloromethane	ND		ug/kg	0.76	0.10	1
1,1,2-Trichloroethane	ND		ug/kg	0.76	0.20	1
Tetrachloroethene	ND		ug/kg	0.38	0.15	1
Chlorobenzene	ND		ug/kg	0.38	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.0	0.52	1
1,2-Dichloroethane	ND		ug/kg	0.76	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.38	0.13	1
Bromodichloromethane	ND		ug/kg	0.38	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.76	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	0.38	0.12	1
Bromoform	ND		ug/kg	3.0	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.38	0.12	1
Benzene	ND		ug/kg	0.38	0.12	1
Toluene	ND		ug/kg	0.76	0.41	1
Ethylbenzene	ND		ug/kg	0.76	0.11	1
Chloromethane	ND		ug/kg	3.0	0.70	1
Bromomethane	0.55	J	ug/kg	1.5	0.44	1
Vinyl chloride	ND		ug/kg	0.76	0.25	1
Chloroethane	ND		ug/kg	1.5	0.34	1
1,1-Dichloroethene	ND		ug/kg	0.76	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.10	1
Trichloroethene	ND		ug/kg	0.38	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02 Date Collected: 12/07/20 13:50

Client ID: SOIL-SB-105 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.15	1
p/m-Xylene	ND		ug/kg	1.5	0.42	1
o-Xylene	ND		ug/kg	0.76	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	0.76	0.13	1
Styrene	ND		ug/kg	0.76	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.6	0.69	1
Acetone	ND		ug/kg	7.6	3.6	1
Carbon disulfide	ND		ug/kg	7.6	3.4	1
2-Butanone	ND		ug/kg	7.6	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.6	0.97	1
2-Hexanone	ND		ug/kg	7.6	0.89	1
Bromochloromethane	ND		ug/kg	1.5	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.76	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.3	0.76	1
Isopropylbenzene	ND		ug/kg	0.76	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.20	1
Methyl Acetate	ND		ug/kg	3.0	0.72	1
Cyclohexane	ND		ug/kg	7.6	0.41	1
1,4-Dioxane	ND		ug/kg	60	26.	1
Freon-113	ND		ug/kg	3.0	0.52	1
Methyl cyclohexane	ND		ug/kg	3.0	0.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	116		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 14:32
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	260	120	1
1,1-Dichloroethane	ND		ug/kg	52	7.5	1
Chloroform	ND		ug/kg	77	7.2	1
Carbon tetrachloride	ND		ug/kg	52	12.	1
1,2-Dichloropropane	ND		ug/kg	52	6.4	1
Dibromochloromethane	ND		ug/kg	52	7.2	1
1,1,2-Trichloroethane	ND		ug/kg	52	14.	1
Tetrachloroethene	ND		ug/kg	26	10.	1
Chlorobenzene	ND		ug/kg	26	6.5	1
Trichlorofluoromethane	ND		ug/kg	210	36.	1
1,2-Dichloroethane	ND		ug/kg	52	13.	1
1,1,1-Trichloroethane	ND		ug/kg	26	8.6	1
Bromodichloromethane	ND		ug/kg	26	5.6	1
trans-1,3-Dichloropropene	ND		ug/kg	52	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	26	8.1	1
Bromoform	ND		ug/kg	210	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	26	8.6	1
Benzene	83		ug/kg	26	8.6	1
Toluene	ND		ug/kg	52	28.	1
Ethylbenzene	370		ug/kg	52	7.3	1
Chloromethane	ND		ug/kg	210	48.	1
Bromomethane	ND		ug/kg	100	30.	1
Vinyl chloride	ND		ug/kg	52	17.	1
Chloroethane	ND		ug/kg	100	23.	1
1,1-Dichloroethene	ND		ug/kg	52	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	77	7.0	1
Trichloroethene	ND		ug/kg	26	7.0	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.4	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03 Date Collected: 12/08/20 08:45

Client ID: SOIL-SB-106 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	100	7.6	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.8	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	220		ug/kg	100	29.	1
o-Xylene	64		ug/kg	52	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	52	9.0	1
Styrene	ND		ug/kg	52	10.	1
Dichlorodifluoromethane	ND		ug/kg	520	47.	1
Acetone	ND		ug/kg	520	250	1
Carbon disulfide	ND		ug/kg	520	230	1
2-Butanone	ND		ug/kg	520	110	1
4-Methyl-2-pentanone	ND		ug/kg	520	66.	1
2-Hexanone	ND		ug/kg	520	61.	1
Bromochloromethane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	52	14.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	51.	1
Isopropylbenzene	260		ug/kg	52	5.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
Methyl Acetate	ND		ug/kg	210	49.	1
Cyclohexane	520		ug/kg	520	28.	1
1,4-Dioxane	ND		ug/kg	4100	1800	1
Freon-113	ND		ug/kg	210	36.	1
Methyl cyclohexane	2400		ug/kg	210	31.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	111		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04
Client ID: SOIL-SB-108
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 09:40
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/22/20 13:02
Analyst: MKS
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.83	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.83	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.83	0.10	1
Dibromochloromethane	ND		ug/kg	0.83	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.83	0.22	1
Tetrachloroethene	5.3		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	0.59	J	ug/kg	0.83	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	20		ug/kg	0.42	0.14	1
Toluene	27		ug/kg	0.83	0.45	1
Ethylbenzene	2.8		ug/kg	0.83	0.12	1
Chloromethane	ND		ug/kg	3.3	0.78	1
Bromomethane	ND		ug/kg	1.7	0.48	1
Vinyl chloride	ND		ug/kg	0.83	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.42	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04 Date Collected: 12/08/20 09:40

Client ID: SOIL-SB-108 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	33		ug/kg	1.7	0.46	1
o-Xylene	21		ug/kg	0.83	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.14	1
Styrene	11		ug/kg	0.83	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.76	1
Acetone	6.0	J	ug/kg	8.3	4.0	1
Carbon disulfide	ND		ug/kg	8.3	3.8	1
2-Butanone	ND		ug/kg	8.3	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	1.1	1
2-Hexanone	ND		ug/kg	8.3	0.98	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.83	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Isopropylbenzene	0.92		ug/kg	0.83	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.3	0.79	1
Cyclohexane	7.3	J	ug/kg	8.3	0.45	1
1,4-Dioxane	ND		ug/kg	66	29.	1
Freon-113	ND		ug/kg	3.3	0.58	1
Methyl cyclohexane	6.5		ug/kg	3.3	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05 D2 Date Collected: 12/08/20 11:00
Client ID: SOIL-SB-110 Date Received: 12/09/20
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 16:38
Analyst: NLK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	1300	580	5
1,1-Dichloroethane	ND		ug/kg	250	37.	5
Chloroform	ND		ug/kg	380	35.	5
Carbon tetrachloride	ND		ug/kg	250	58.	5
1,2-Dichloropropane	ND		ug/kg	250	32.	5
Dibromochloromethane	ND		ug/kg	250	35.	5
1,1,2-Trichloroethane	ND		ug/kg	250	67.	5
Tetrachloroethene	ND		ug/kg	130	49.	5
Chlorobenzene	ND		ug/kg	130	32.	5
Trichlorofluoromethane	ND		ug/kg	1000	180	5
1,2-Dichloroethane	ND		ug/kg	250	65.	5
1,1,1-Trichloroethane	ND		ug/kg	130	42.	5
Bromodichloromethane	ND		ug/kg	130	28.	5
trans-1,3-Dichloropropene	ND		ug/kg	250	69.	5
cis-1,3-Dichloropropene	ND		ug/kg	130	40.	5
Bromoform	ND		ug/kg	1000	62.	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	130	42.	5
Benzene	300		ug/kg	130	42.	5
Toluene	2300		ug/kg	250	140	5
Ethylbenzene	45000		ug/kg	250	36.	5
Chloromethane	ND		ug/kg	1000	240	5
Bromomethane	ND		ug/kg	500	150	5
Vinyl chloride	ND		ug/kg	250	84.	5
Chloroethane	ND		ug/kg	500	110	5
1,1-Dichloroethene	ND		ug/kg	250	60.	5
trans-1,2-Dichloroethene	ND		ug/kg	380	34.	5
Trichloroethene	ND		ug/kg	130	34.	5
1,2-Dichlorobenzene	ND		ug/kg	500	36.	5

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05 D2 Date Collected: 12/08/20 11:00

Client ID: SOIL-SB-110 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	500	37.	5
1,4-Dichlorobenzene	ND		ug/kg	500	43.	5
Methyl tert butyl ether	ND		ug/kg	500	51.	5
p/m-Xylene	170000	E	ug/kg	500	140	5
o-Xylene	56000		ug/kg	250	73.	5
cis-1,2-Dichloroethene	ND		ug/kg	250	44.	5
Styrene	ND		ug/kg	250	49.	5
Dichlorodifluoromethane	ND		ug/kg	2500	230	5
Acetone	ND		ug/kg	2500	1200	5
Carbon disulfide	ND		ug/kg	2500	1100	5
2-Butanone	ND		ug/kg	2500	560	5
4-Methyl-2-pentanone	ND		ug/kg	2500	320	5
2-Hexanone	ND		ug/kg	2500	300	5
Bromochloromethane	ND		ug/kg	500	52.	5
1,2-Dibromoethane	ND		ug/kg	250	70.	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	760	250	5
Isopropylbenzene	4900		ug/kg	250	28.	5
1,2,3-Trichlorobenzene	ND		ug/kg	500	81.	5
1,2,4-Trichlorobenzene	ND		ug/kg	500	69.	5
Methyl Acetate	ND		ug/kg	1000	240	5
Cyclohexane	57000		ug/kg	2500	140	5
1,4-Dioxane	ND		ug/kg	20000	8900	5
Freon-113	ND		ug/kg	1000	170	5
Methyl cyclohexane	120000	E	ug/kg	1000	150	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05 D
Client ID: SOIL-SB-110
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:00
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 14:57
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
p/m-Xylene	180000		ug/kg	2000	560	20
Methyl cyclohexane	140000		ug/kg	4000	610	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	107		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06
Client ID: SOIL-SB-111
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 13:04
Analyst: MKS
Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.4	3.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.24	1
Chloroform	ND		ug/kg	2.5	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.39	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.45	1
Tetrachloroethene	ND		ug/kg	0.84	0.33	1
Chlorobenzene	ND		ug/kg	0.84	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.8	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.84	0.28	1
Bromodichloromethane	ND		ug/kg	0.84	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.46	1
cis-1,3-Dichloropropene	ND		ug/kg	0.84	0.27	1
Bromoform	ND		ug/kg	6.8	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.84	0.28	1
Benzene	ND		ug/kg	0.84	0.28	1
Toluene	ND		ug/kg	1.7	0.92	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.8	1.6	1
Bromomethane	ND		ug/kg	3.4	0.98	1
Vinyl chloride	ND		ug/kg	1.7	0.56	1
Chloroethane	ND		ug/kg	3.4	0.76	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1
Trichloroethene	ND		ug/kg	0.84	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.24	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06 Date Collected: 12/08/20 11:50

Client ID: SOIL-SB-111 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.34	1
p/m-Xylene	ND		ug/kg	3.4	0.94	1
o-Xylene	ND		ug/kg	1.7	0.49	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	17	1.5	1
Acetone	170		ug/kg	17	8.1	1
Carbon disulfide	ND		ug/kg	17	7.7	1
2-Butanone	46		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.47	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	1.7	1
Isopropylbenzene	2.7		ug/kg	1.7	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.54	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.46	1
Methyl Acetate	ND		ug/kg	6.8	1.6	1
Cyclohexane	8.7	J	ug/kg	17	0.92	1
1,4-Dioxane	ND		ug/kg	140	59.	1
Freon-113	ND		ug/kg	6.8	1.2	1
Methyl cyclohexane	20		ug/kg	6.8	1.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	115		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 15:24
Analyst: NLK
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.20	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07 Date Collected: 12/08/20 15:10

Client ID: SOIL-SB-113 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	0.49	J	ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	32		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	54		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	2.0	J	ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	94	41.	1
Freon-113	ND		ug/kg	4.7	0.81	1
Methyl cyclohexane	22		ug/kg	4.7	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	**249**	Q	70-130
Dibromofluoromethane	112		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08
Client ID: SOIL-SB-115
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 16:13
Analyst: NLK
Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	550	250	1
1,1-Dichloroethane	ND		ug/kg	110	16.	1
Chloroform	ND		ug/kg	160	15.	1
Carbon tetrachloride	ND		ug/kg	110	25.	1
1,2-Dichloropropane	ND		ug/kg	110	14.	1
Dibromochloromethane	ND		ug/kg	110	15.	1
1,1,2-Trichloroethane	ND		ug/kg	110	29.	1
Tetrachloroethene	ND		ug/kg	55	22.	1
Chlorobenzene	ND		ug/kg	55	14.	1
Trichlorofluoromethane	ND		ug/kg	440	76.	1
1,2-Dichloroethane	ND		ug/kg	110	28.	1
1,1,1-Trichloroethane	ND		ug/kg	55	18.	1
Bromodichloromethane	ND		ug/kg	55	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	110	30.	1
cis-1,3-Dichloropropene	ND		ug/kg	55	17.	1
Bromoform	ND		ug/kg	440	27.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	55	18.	1
Benzene	ND		ug/kg	55	18.	1
Toluene	ND		ug/kg	110	60.	1
Ethylbenzene	ND		ug/kg	110	16.	1
Chloromethane	ND		ug/kg	440	100	1
Bromomethane	ND		ug/kg	220	64.	1
Vinyl chloride	ND		ug/kg	110	37.	1
Chloroethane	ND		ug/kg	220	50.	1
1,1-Dichloroethene	ND		ug/kg	110	26.	1
trans-1,2-Dichloroethene	ND		ug/kg	160	15.	1
Trichloroethene	ND		ug/kg	55	15.	1
1,2-Dichlorobenzene	ND		ug/kg	220	16.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08 Date Collected: 12/08/20 15:45

Client ID: SOIL-SB-115 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	220	16.	1
1,4-Dichlorobenzene	ND		ug/kg	220	19.	1
Methyl tert butyl ether	ND		ug/kg	220	22.	1
p/m-Xylene	90	J	ug/kg	220	62.	1
o-Xylene	ND		ug/kg	110	32.	1
cis-1,2-Dichloroethene	ND		ug/kg	110	19.	1
Styrene	ND		ug/kg	110	22.	1
Dichlorodifluoromethane	ND		ug/kg	1100	100	1
Acetone	ND		ug/kg	1100	530	1
Carbon disulfide	ND		ug/kg	1100	500	1
2-Butanone	ND		ug/kg	1100	240	1
4-Methyl-2-pentanone	ND		ug/kg	1100	140	1
2-Hexanone	ND		ug/kg	1100	130	1
Bromochloromethane	ND		ug/kg	220	22.	1
1,2-Dibromoethane	ND		ug/kg	110	31.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	330	110	1
Isopropylbenzene	910		ug/kg	110	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	220	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	30.	1
Methyl Acetate	900		ug/kg	440	100	1
Cyclohexane	6400		ug/kg	1100	60.	1
1,4-Dioxane	ND		ug/kg	8800	3900	1
Freon-113	ND		ug/kg	440	76.	1
Methyl cyclohexane	33000		ug/kg	440	66.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	128		70-130
4-Bromofluorobenzene	**135**	Q	70-130
Dibromofluoromethane	108		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D2
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 15:49
Analyst: NLK
Percent Solids: 59%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl cyclohexane	150000		ug/kg	4800	720	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	110		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:11
Analyst: MKS
Percent Solids: 59%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	2400	1100	4
1,1-Dichloroethane	ND		ug/kg	480	70.	4
Chloroform	ND		ug/kg	720	67.	4
Carbon tetrachloride	ND		ug/kg	480	110	4
1,2-Dichloropropane	ND		ug/kg	480	60.	4
Dibromochloromethane	ND		ug/kg	480	67.	4
1,1,2-Trichloroethane	ND		ug/kg	480	130	4
Tetrachloroethene	ND		ug/kg	240	94.	4
Chlorobenzene	ND		ug/kg	240	61.	4
Trichlorofluoromethane	ND		ug/kg	1900	330	4
1,2-Dichloroethane	ND		ug/kg	480	120	4
1,1,1-Trichloroethane	ND		ug/kg	240	80.	4
Bromodichloromethane	ND		ug/kg	240	52.	4
trans-1,3-Dichloropropene	ND		ug/kg	480	130	4
cis-1,3-Dichloropropene	ND		ug/kg	240	76.	4
Bromoform	ND		ug/kg	1900	120	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	240	80.	4
Benzene	ND		ug/kg	240	80.	4
Toluene	ND		ug/kg	480	260	4
Ethylbenzene	180	J	ug/kg	480	68.	4
Chloromethane	ND		ug/kg	1900	450	4
Bromomethane	ND		ug/kg	960	280	4
Vinyl chloride	ND		ug/kg	480	160	4
Chloroethane	ND		ug/kg	960	220	4
1,1-Dichloroethene	ND		ug/kg	480	110	4
trans-1,2-Dichloroethene	ND		ug/kg	720	66.	4
Trichloroethene	ND		ug/kg	240	66.	4
1,2-Dichlorobenzene	ND		ug/kg	960	69.	4

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D Date Collected: 12/08/20 15:45

Client ID: CHA-1 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	960	71.	4
1,4-Dichlorobenzene	ND		ug/kg	960	82.	4
Methyl tert butyl ether	ND		ug/kg	960	97.	4
p/m-Xylene	ND		ug/kg	960	270	4
o-Xylene	ND		ug/kg	480	140	4
cis-1,2-Dichloroethene	ND		ug/kg	480	84.	4
Styrene	ND		ug/kg	480	94.	4
Dichlorodifluoromethane	ND		ug/kg	4800	440	4
Acetone	ND		ug/kg	4800	2300	4
Carbon disulfide	ND		ug/kg	4800	2200	4
2-Butanone	ND		ug/kg	4800	1100	4
4-Methyl-2-pentanone	ND		ug/kg	4800	620	4
2-Hexanone	ND		ug/kg	4800	570	4
Bromochloromethane	ND		ug/kg	960	99.	4
1,2-Dibromoethane	ND		ug/kg	480	130	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	1400	480	4
Isopropylbenzene	2600		ug/kg	480	52.	4
1,2,3-Trichlorobenzene	ND		ug/kg	960	160	4
1,2,4-Trichlorobenzene	ND		ug/kg	960	130	4
Methyl Acetate	ND		ug/kg	1900	460	4
Cyclohexane	41000		ug/kg	4800	260	4
1,4-Dioxane	ND		ug/kg	38000	17000	4
Freon-113	ND		ug/kg	1900	330	4
Methyl cyclohexane	170000	E	ug/kg	1900	290	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	126		70-130
Dibromofluoromethane	110		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 13:17
Analyst: NLK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10 Date Collected: 12/09/20 08:25

Client ID: SOIL-SB-116 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
Methyl Acetate	1.2	J	ug/kg	4.1	0.97	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	82	36.	1
Freon-113	ND		ug/kg	4.1	0.71	1
Methyl cyclohexane	ND		ug/kg	4.1	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11
Client ID: SOIL-SB-120
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 13:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:39
Analyst: MKS
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.87	0.12	1
Chloroform	0.12	J	ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	0.23	J	ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	6.9		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.81	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	0.52	J	ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11 Date Collected: 12/09/20 13:10

Client ID: SOIL-SB-120 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.87	0.15	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.79	1
Acetone	8.7		ug/kg	8.7	4.2	1
Carbon disulfide	4.1	J	ug/kg	8.7	3.9	1
2-Butanone	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Isopropylbenzene	ND		ug/kg	0.87	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
Methyl Acetate	ND		ug/kg	3.5	0.82	1
Cyclohexane	ND		ug/kg	8.7	0.47	1
1,4-Dioxane	ND		ug/kg	69	30.	1
Freon-113	ND		ug/kg	3.5	0.60	1
Methyl cyclohexane	ND		ug/kg	3.5	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12
Client ID: SOIL-SB-121
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 14:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 12:51
Analyst: NLK
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12 Date Collected: 12/09/20 14:25

Client ID: SOIL-SB-121 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	0.25	J	ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	46		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	9.6	J	ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	5.8		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	98	43.	1
Freon-113	ND		ug/kg	4.9	0.85	1
Methyl cyclohexane	2.3	J	ug/kg	4.9	0.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 12:25
Analyst: NLK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	0.18	J	ug/kg	0.45	0.18	1
Chlorobenzene	0.97		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	0.38	J	ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	0.82	J	ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	0.39	J	ug/kg	1.8	0.13	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13 Date Collected: 12/09/20 15:50

Client ID: SOIL-SB-124 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	0.25	J	ug/kg	0.91	0.16	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	4.6	J	ug/kg	9.1	4.4	1
Carbon disulfide	7.3	J	ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	1.3	J	ug/kg	3.6	0.86	1
Cyclohexane	ND		ug/kg	9.1	0.49	1
1,4-Dioxane	ND		ug/kg	73	32.	1
Freon-113	ND		ug/kg	3.6	0.63	1
Methyl cyclohexane	ND		ug/kg	3.6	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14
Client ID: SOIL-SB-125
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 11:59
Analyst: NLK
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	0.43	J	ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14 Date Collected: 12/10/20 09:10

Client ID: SOIL-SB-125 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	32		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	4.9	J	ug/kg	13	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	0.16	J	ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
Methyl Acetate	ND		ug/kg	5.4	1.3	1
Cyclohexane	ND		ug/kg	13	0.73	1
1,4-Dioxane	ND		ug/kg	110	47.	1
Freon-113	ND		ug/kg	5.4	0.93	1
Methyl cyclohexane	ND		ug/kg	5.4	0.81	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	**157**	Q	70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:37
Analyst: MKS
Percent Solids: 61%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	540	240	1
1,1-Dichloroethane	ND		ug/kg	110	16.	1
Chloroform	ND		ug/kg	160	15.	1
Carbon tetrachloride	ND		ug/kg	110	25.	1
1,2-Dichloropropane	ND		ug/kg	110	13.	1
Dibromochloromethane	ND		ug/kg	110	15.	1
1,1,2-Trichloroethane	ND		ug/kg	110	29.	1
Tetrachloroethene	4300		ug/kg	54	21.	1
Chlorobenzene	ND		ug/kg	54	14.	1
Trichlorofluoromethane	ND		ug/kg	430	74.	1
1,2-Dichloroethane	ND		ug/kg	110	28.	1
1,1,1-Trichloroethane	ND		ug/kg	54	18.	1
Bromodichloromethane	ND		ug/kg	54	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	110	29.	1
cis-1,3-Dichloropropene	ND		ug/kg	54	17.	1
Bromoform	ND		ug/kg	430	26.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	54	18.	1
Benzene	ND		ug/kg	54	18.	1
Toluene	ND		ug/kg	110	58.	1
Ethylbenzene	ND		ug/kg	110	15.	1
Chloromethane	ND		ug/kg	430	100	1
Bromomethane	ND		ug/kg	210	62.	1
Vinyl chloride	ND		ug/kg	110	36.	1
Chloroethane	ND		ug/kg	210	48.	1
1,1-Dichloroethene	ND		ug/kg	110	25.	1
trans-1,2-Dichloroethene	ND		ug/kg	160	15.	1
Trichloroethene	650		ug/kg	54	15.	1
1,2-Dichlorobenzene	76	J	ug/kg	210	15.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15 Date Collected: 12/10/20 10:30

Client ID: SOIL-SB-126 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	210	16.	1
1,4-Dichlorobenzene	ND		ug/kg	210	18.	1
Methyl tert butyl ether	ND		ug/kg	210	22.	1
p/m-Xylene	82	J	ug/kg	210	60.	1
o-Xylene	ND		ug/kg	110	31.	1
cis-1,2-Dichloroethene	8900		ug/kg	110	19.	1
Styrene	ND		ug/kg	110	21.	1
Dichlorodifluoromethane	ND		ug/kg	1100	98.	1
Acetone	ND		ug/kg	1100	520	1
Carbon disulfide	ND		ug/kg	1100	490	1
2-Butanone	ND		ug/kg	1100	240	1
4-Methyl-2-pentanone	ND		ug/kg	1100	140	1
2-Hexanone	ND		ug/kg	1100	130	1
Bromochloromethane	ND		ug/kg	210	22.	1
1,2-Dibromoethane	ND		ug/kg	110	30.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	320	110	1
Isopropylbenzene	170		ug/kg	110	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	210	34.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	29.	1
Methyl Acetate	540		ug/kg	430	100	1
Cyclohexane	ND		ug/kg	1100	58.	1
1,4-Dioxane	ND		ug/kg	8600	3800	1
Freon-113	ND		ug/kg	430	74.	1
Methyl cyclohexane	ND		ug/kg	430	64.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	**137**	Q	70-130
Dibromofluoromethane	109		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16
Client ID: SOIL-SB-128
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 14:30
Analyst: MKS
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	0.90		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	1.6		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	0.75	J	ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16 Date Collected: 12/10/20 11:15

Client ID: SOIL-SB-128 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	0.30	J	ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	31		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	4.5	J	ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	95	42.	1
Freon-113	ND		ug/kg	4.7	0.82	1
Methyl cyclohexane	ND		ug/kg	4.7	0.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17
Client ID: SOIL-SB-129
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 12:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 14:56
Analyst: MKS
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17 Date Collected: 12/10/20 12:05

Client ID: SOIL-SB-129 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	92		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	20		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.8	1.2	1
Cyclohexane	ND		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	97	42.	1
Freon-113	ND		ug/kg	4.8	0.84	1
Methyl cyclohexane	0.84	J	ug/kg	4.8	0.73	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	**138**	Q	70-130
Dibromofluoromethane	104		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18
Client ID: SOIL-SB-130
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 15:22
Analyst: MKS
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	2.5	J	ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	0.13	J	ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18 Date Collected: 12/10/20 13:15

Client ID: SOIL-SB-130 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	0.28	J	ug/kg	0.95	0.17	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	11		ug/kg	9.5	4.6	1
Carbon disulfide	5.0	J	ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.90	1
Cyclohexane	ND		ug/kg	9.5	0.52	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 15:47
Analyst: MKS
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	1.0		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	0.32	J	ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19 Date Collected: 12/10/20 13:40

Client ID: SOIL-SB-131 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	37		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	6.0	J	ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
Methyl Acetate	ND		ug/kg	4.1	0.96	1
Cyclohexane	1.1	J	ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	36.	1
Freon-113	ND		ug/kg	4.1	0.70	1
Methyl cyclohexane	ND		ug/kg	4.1	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20
Client ID: SOIL-SB-132
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:13
Analyst: MKS
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	2.4	J	ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.85	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.85	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.85	0.11	1
Dibromochloromethane	ND		ug/kg	0.85	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.85	0.23	1
Tetrachloroethene	ND		ug/kg	0.42	0.17	1
Chlorobenzene	0.34	J	ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.59	1
1,2-Dichloroethane	ND		ug/kg	0.85	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	0.14	J	ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.85	0.46	1
Ethylbenzene	ND		ug/kg	0.85	0.12	1
Chloromethane	ND		ug/kg	3.4	0.79	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.85	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.85	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20 Date Collected: 12/10/20 14:05

Client ID: SOIL-SB-132 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.85	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.85	0.15	1
Styrene	ND		ug/kg	0.85	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.5	0.78	1
Acetone	21		ug/kg	8.5	4.1	1
Carbon disulfide	5.7	J	ug/kg	8.5	3.9	1
2-Butanone	ND		ug/kg	8.5	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	1.1	1
2-Hexanone	ND		ug/kg	8.5	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.85	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.85	1
Isopropylbenzene	ND		ug/kg	0.85	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	1.6	J	ug/kg	3.4	0.81	1
Cyclohexane	ND		ug/kg	8.5	0.46	1
1,4-Dioxane	ND		ug/kg	68	30.	1
Freon-113	ND		ug/kg	3.4	0.59	1
Methyl cyclohexane	ND		ug/kg	3.4	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 12:44
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 Date Collected: 12/10/20 08:15

Client ID: TMW-116 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22
Client ID: TMW-119
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 13:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.21	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.14	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22 Date Collected: 12/10/20 08:30

Client ID: TMW-119 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	2.8	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.4	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23
Client ID: TMW-104
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 13:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	0.76	J	ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23 Date Collected: 12/10/20 09:10

Client ID: TMW-104 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:00
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 14:39
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.26	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	1.2	J	ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24 Date Collected: 12/10/20 09:00

Client ID: CHA-1 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	94		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 14:16
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	1.2	J	ug/l	2.5	0.70	1
Vinyl chloride	0.08	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25 Date Collected: 12/10/20 09:40

Client ID: TMW-134 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	9.2	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	10		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	93		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26 D
Client ID: TMW-112
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 13:53
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	0.92	J	ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	0.88	J	ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	6.6	J	ug/l	12	3.5	5
Vinyl chloride	680		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	1.3	J	ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	6.5	J	ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26 D Date Collected: 12/10/20 10:30

Client ID: TMW-112 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	540		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	9.3	J	ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 D
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:50
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	2.6		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	ND		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	44		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	0.56	J	ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	2.9	J	ug/l	6.2	1.8	2.5
Trichloroethene	2.3		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 D Date Collected: 12/10/20 11:10

Client ID: TMW-133 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5
p/m-Xylene	ND		ug/l	6.2	1.8	2.5
o-Xylene	ND		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	240		ug/l	6.2	1.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	ND		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl Acetate	ND		ug/l	5.0	0.58	2.5
Cyclohexane	ND		ug/l	25	0.68	2.5
1,4-Dioxane	ND		ug/l	620	150	2.5
Freon-113	ND		ug/l	6.2	1.8	2.5
Methyl cyclohexane	ND		ug/l	25	0.99	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28
Client ID: TMW-101
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 12:50
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.72	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	5.4		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	23		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.2		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.92	J	ug/l	2.5	0.70	1
Trichloroethene	2.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28 Date Collected: 12/10/20 11:40

Client ID: TMW-101 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.1		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.5		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	91		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29
Client ID: MW-5A
Sample Location: SYRACUSE, NY

Date Collected: 12/11/20 13:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:27
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	160		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.7		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.70	J	ug/l	2.5	0.70	1
Trichloroethene	29		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29 Date Collected: 12/11/20 13:10

Client ID: MW-5A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	22		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	94		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 D
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 17:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	5.8	J	ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	14	J	ug/l	50	14.	20
Vinyl chloride	1000		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	8.2	J	ug/l	10	3.4	20
trans-1,2-Dichloroethene	130		ug/l	50	14.	20
Trichloroethene	96		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 D Date Collected: 12/10/20 13:45

Client ID: MW-6A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	2200		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	ND		ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	1200	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	ND		ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31 D
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 17:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	7.5	J	ug/l	25	7.0	10
Vinyl chloride	910		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31 D
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	360		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-32
Client ID: TRIP BLANK
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	0.77	J	ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-32 Date Collected: 12/10/20 14:45

Client ID: TRIP BLANK Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33
Client ID: SOIL-SB-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 15:45
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 15:19
Analyst: MKS
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	1.5		ug/kg	0.48	0.16	1
Toluene	0.62	J	ug/kg	0.95	0.52	1
Ethylbenzene	0.84	J	ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33 Date Collected: 12/10/20 15:45

Client ID: SOIL-SB-134 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	2.5		ug/kg	1.9	0.53	1
o-Xylene	0.32	J	ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	8.6	J	ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Isopropylbenzene	5.1		ug/kg	0.95	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.90	1
Cyclohexane	47		ug/kg	9.5	0.52	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	140		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	106		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538
Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/20 10:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21-26 Batch: WG1447310-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	0.70	J	ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/20 10:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21-26 Batch: WG1447310-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/20 10:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21-26 Batch: WG1447310-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,33 Batch: WG1447372-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.76	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,33 Batch: WG1447372-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,33 Batch: WG1447372-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	115		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:53
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11,16-20 Batch: WG1447392-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:53
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11,16-20 Batch: WG1447392-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:53
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11,16-20 Batch: WG1447392-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,05,09,15 Batch: WG1447429-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,05,09,15 Batch: WG1447429-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,05,09,15 Batch: WG1447429-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	109		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 10:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27,29-32 Batch: WG1447483-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	1.2	J	ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 10:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27,29-32 Batch: WG1447483-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 10:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27,29-32 Batch: WG1447483-5					

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

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1447585-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1447585-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1447585-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	109		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08-09 Batch: WG1447587-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08-09 Batch: WG1447587-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08-09 Batch: WG1447587-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	109		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 09:47
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,10,12-14 Batch: WG1447700-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 09:47
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,10,12-14 Batch: WG1447700-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 09:47
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,10,12-14 Batch: WG1447700-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 12:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 28 Batch: WG1447743-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 12:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 28 Batch: WG1447743-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 12:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 28 Batch: WG1447743-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	91		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/20 10:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1448212-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/20 10:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1448212-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/20 10:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1448212-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26 Batch: WG1447310-3 WG1447310-4								
Methylene chloride	98		99		70-130	1		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	96		97		63-130	1		20
1,1,2-Trichloroethane	98		99		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	98		98		70-130	0		20
Bromoform	93		94		54-136	1		20
1,1,2,2-Tetrachloroethane	97		97		67-130	0		20
Benzene	99		100		70-130	1		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	**160**	Q	**150**	Q	39-139	6		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26 Batch: WG1447310-3 WG1447310-4								
Chloroethane	95		94		55-138	1		20
1,1-Dichloroethene	98		99		61-145	1		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	93		96		63-130	3		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	94		96		70-130	2		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	89		80		58-148	11		20
Carbon disulfide	96		96		51-130	0		20
2-Butanone	90		88		63-138	2		20
4-Methyl-2-pentanone	78		83		59-130	6		20
2-Hexanone	89		90		57-130	1		20
Bromochloromethane	98		98		70-130	0		20
1,2-Dibromoethane	94		96		70-130	2		20
1,2-Dibromo-3-chloropropane	74		75		41-144	1		20
Isopropylbenzene	120		120		70-130	0		20
1,2,3-Trichlorobenzene	91		97		70-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26 Batch: WG1447310-3 WG1447310-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	83		84		70-130	1		20
Cyclohexane	120		120		70-130	0		20
1,4-Dioxane	90		96		56-162	6		20
Freon-113	110		120		70-130	9		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	109		108		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,33 Batch: WG1447372-3 WG1447372-4								
Methylene chloride	100		102		70-130	2		30
1,1-Dichloroethane	107		107		70-130	0		30
Chloroform	109		108		70-130	1		30
Carbon tetrachloride	126		124		70-130	2		30
1,2-Dichloropropane	100		101		70-130	1		30
Dibromochloromethane	93		94		70-130	1		30
1,1,2-Trichloroethane	95		97		70-130	2		30
Tetrachloroethene	125		122		70-130	2		30
Chlorobenzene	106		107		70-130	1		30
Trichlorofluoromethane	110		94		70-139	16		30
1,2-Dichloroethane	106		106		70-130	0		30
1,1,1-Trichloroethane	123		123		70-130	0		30
Bromodichloromethane	110		113		70-130	3		30
trans-1,3-Dichloropropene	102		103		70-130	1		30
cis-1,3-Dichloropropene	110		112		70-130	2		30
Bromoform	89		90		70-130	1		30
1,1,2,2-Tetrachloroethane	91		93		70-130	2		30
Benzene	108		108		70-130	0		30
Toluene	103		101		70-130	2		30
Ethylbenzene	102		101		70-130	1		30
Chloromethane	111		120		52-130	8		30
Bromomethane	104		109		57-147	5		30
Vinyl chloride	**131**	Q	**133**	Q	67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,33 Batch: WG1447372-3 WG1447372-4								
Chloroethane	130		132		50-151	2		30
1,1-Dichloroethene	118		119		65-135	1		30
trans-1,2-Dichloroethene	118		116		70-130	2		30
Trichloroethene	113		115		70-130	2		30
1,2-Dichlorobenzene	105		106		70-130	1		30
1,3-Dichlorobenzene	106		106		70-130	0		30
1,4-Dichlorobenzene	106		104		70-130	2		30
Methyl tert butyl ether	106		109		66-130	3		30
p/m-Xylene	108		108		70-130	0		30
o-Xylene	104		104		70-130	0		30
cis-1,2-Dichloroethene	109		110		70-130	1		30
Styrene	105		106		70-130	1		30
Dichlorodifluoromethane	141		141		30-146	0		30
Acetone	84		84		54-140	0		30
Carbon disulfide	112		111		59-130	1		30
2-Butanone	81		88		70-130	8		30
4-Methyl-2-pentanone	86		90		70-130	5		30
2-Hexanone	83		86		70-130	4		30
Bromochloromethane	111		113		70-130	2		30
1,2-Dibromoethane	101		103		70-130	2		30
1,2-Dibromo-3-chloropropane	89		94		68-130	5		30
Isopropylbenzene	102		101		70-130	1		30
1,2,3-Trichlorobenzene	104		106		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,33 Batch: WG1447372-3 WG1447372-4								
1,2,4-Trichlorobenzene	107		109		70-130	2		30
Methyl Acetate	91		94		51-146	3		30
Cyclohexane	105		107		59-142	2		30
1,4-Dioxane	128		116		65-136	10		30
Freon-113	122		123		50-139	1		30
Methyl cyclohexane	109		111		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		120		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	105		108		70-130
Dibromofluoromethane	118		121		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 Batch: WG1447392-3 WG1447392-4								
Methylene chloride	105		108		70-130	3		30
1,1-Dichloroethane	110		115		70-130	4		30
Chloroform	103		106		70-130	3		30
Carbon tetrachloride	99		103		70-130	4		30
1,2-Dichloropropane	106		111		70-130	5		30
Dibromochloromethane	89		91		70-130	2		30
1,1,2-Trichloroethane	90		93		70-130	3		30
Tetrachloroethene	95		96		70-130	1		30
Chlorobenzene	93		95		70-130	2		30
Trichlorofluoromethane	**65**	Q	**67**	Q	70-139	3		30
1,2-Dichloroethane	102		106		70-130	4		30
1,1,1-Trichloroethane	97		100		70-130	3		30
Bromodichloromethane	90		93		70-130	3		30
trans-1,3-Dichloropropene	94		96		70-130	2		30
cis-1,3-Dichloropropene	101		105		70-130	4		30
Bromoform	83		85		70-130	2		30
1,1,2,2-Tetrachloroethane	87		90		70-130	3		30
Benzene	105		108		70-130	3		30
Toluene	96		97		70-130	1		30
Ethylbenzene	93		95		70-130	2		30
Chloromethane	127		128		52-130	1		30
Bromomethane	94		92		57-147	2		30
Vinyl chloride	81		83		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 Batch: WG1447392-3 WG1447392-4								
Chloroethane	66		66		50-151	0		30
1,1-Dichloroethene	115		119		65-135	3		30
trans-1,2-Dichloroethene	109		111		70-130	2		30
Trichloroethene	99		103		70-130	4		30
1,2-Dichlorobenzene	90		93		70-130	3		30
1,3-Dichlorobenzene	89		92		70-130	3		30
1,4-Dichlorobenzene	89		92		70-130	3		30
Methyl tert butyl ether	106		110		66-130	4		30
p/m-Xylene	91		93		70-130	2		30
o-Xylene	90		92		70-130	2		30
cis-1,2-Dichloroethene	103		106		70-130	3		30
Styrene	87		89		70-130	2		30
Dichlorodifluoromethane	112		115		30-146	3		30
Acetone	127		124		54-140	2		30
Carbon disulfide	118		121		59-130	3		30
2-Butanone	99		105		70-130	6		30
4-Methyl-2-pentanone	86		89		70-130	3		30
2-Hexanone	79		81		70-130	3		30
Bromochloromethane	105		108		70-130	3		30
1,2-Dibromoethane	93		96		70-130	3		30
1,2-Dibromo-3-chloropropane	82		90		68-130	9		30
Isopropylbenzene	89		93		70-130	4		30
1,2,3-Trichlorobenzene	92		95		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 Batch: WG1447392-3 WG1447392-4								
1,2,4-Trichlorobenzene	89		93		70-130	4		30
Methyl Acetate	114		117		51-146	3		30
Cyclohexane	108		114		59-142	5		30
1,4-Dioxane	134		121		65-136	10		30
Freon-113	116		120		50-139	3		30
Methyl cyclohexane	100		104		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	94		95		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	98		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,05,09,15 Batch: WG1447429-3 WG1447429-4								
Methylene chloride	100		99		70-130	1		30
1,1-Dichloroethane	97		96		70-130	1		30
Chloroform	99		99		70-130	0		30
Carbon tetrachloride	105		104		70-130	1		30
1,2-Dichloropropane	97		96		70-130	1		30
Dibromochloromethane	100		100		70-130	0		30
1,1,2-Trichloroethane	95		96		70-130	1		30
Tetrachloroethene	123		120		70-130	2		30
Chlorobenzene	104		104		70-130	0		30
Trichlorofluoromethane	94		90		70-139	4		30
1,2-Dichloroethane	97		97		70-130	0		30
1,1,1-Trichloroethane	108		106		70-130	2		30
Bromodichloromethane	105		107		70-130	2		30
trans-1,3-Dichloropropene	98		99		70-130	1		30
cis-1,3-Dichloropropene	92		94		70-130	2		30
Bromoform	111		112		70-130	1		30
1,1,2,2-Tetrachloroethane	92		93		70-130	1		30
Benzene	103		101		70-130	2		30
Toluene	96		95		70-130	1		30
Ethylbenzene	98		97		70-130	1		30
Chloromethane	102		98		52-130	4		30
Bromomethane	62		61		57-147	2		30
Vinyl chloride	75		70		67-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,05,09,15 Batch: WG1447429-3 WG1447429-4								
Chloroethane	60		60		50-151	0		30
1,1-Dichloroethene	109		104		65-135	5		30
trans-1,2-Dichloroethene	110		107		70-130	3		30
Trichloroethene	112		110		70-130	2		30
1,2-Dichlorobenzene	104		105		70-130	1		30
1,3-Dichlorobenzene	104		105		70-130	1		30
1,4-Dichlorobenzene	103		102		70-130	1		30
Methyl tert butyl ether	109		109		66-130	0		30
p/m-Xylene	108		107		70-130	1		30
o-Xylene	107		107		70-130	0		30
cis-1,2-Dichloroethene	109		109		70-130	0		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	111		106		30-146	5		30
Acetone	93		96		54-140	3		30
Carbon disulfide	92		91		59-130	1		30
2-Butanone	98		97		70-130	1		30
4-Methyl-2-pentanone	86		86		70-130	0		30
2-Hexanone	90		91		70-130	1		30
Bromochloromethane	118		119		70-130	1		30
1,2-Dibromoethane	108		108		70-130	0		30
1,2-Dibromo-3-chloropropane	108		107		68-130	1		30
Isopropylbenzene	100		98		70-130	2		30
1,2,3-Trichlorobenzene	116		119		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,05,09,15 Batch: WG1447429-3 WG1447429-4								
1,2,4-Trichlorobenzene	115		116		70-130	1		30
Methyl Acetate	101		100		51-146	1		30
Cyclohexane	101		98		59-142	3		30
1,4-Dioxane	112		134		65-136	18		30
Freon-113	106		102		50-139	4		30
Methyl cyclohexane	105		101		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	108		107		70-130
Dibromofluoromethane	115		115		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27,29-32 Batch: WG1447483-3 WG1447483-4								
Methylene chloride	95		93		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	96		97		70-130	1		20
Dibromochloromethane	90		92		63-130	2		20
1,1,2-Trichloroethane	92		94		70-130	2		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	99		100		62-150	1		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	96		97		67-130	1		20
trans-1,3-Dichloropropene	98		98		70-130	0		20
cis-1,3-Dichloropropene	93		93		70-130	0		20
Bromoform	86		88		54-136	2		20
1,1,2,2-Tetrachloroethane	90		92		67-130	2		20
Benzene	96		96		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	94		96		64-130	2		20
Bromomethane	**140**	Q	**140**	Q	39-139	0		20
Vinyl chloride	94		92		55-140	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27,29-32 Batch: WG1447483-3 WG1447483-4								
Chloroethane	91		88		55-138	3		20
1,1-Dichloroethene	93		92		61-145	1		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	98		98		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	85		87		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	93		91		70-130	2		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	92		92		36-147	0		20
Acetone	83		78		58-148	6		20
Carbon disulfide	92		91		51-130	1		20
2-Butanone	82		84		63-138	2		20
4-Methyl-2-pentanone	70		74		59-130	6		20
2-Hexanone	76		79		57-130	4		20
Bromochloromethane	94		93		70-130	1		20
1,2-Dibromoethane	88		88		70-130	0		20
1,2-Dibromo-3-chloropropane	61		66		41-144	8		20
Isopropylbenzene	120		110		70-130	9		20
1,2,3-Trichlorobenzene	76		86		70-130	12		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27,29-32 Batch: WG1447483-3 WG1447483-4								
1,2,4-Trichlorobenzene	92		99		70-130	7		20
Methyl Acetate	76		77		70-130	1		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	72		78		56-162	8		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
Toluene-d8	106		104		70-130
4-Bromofluorobenzene	110		109		70-130
Dibromofluoromethane	96		97		70-130

Lab Control Sample Analysis
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Project Name: FORMER COYNE TEXTILE
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1447585-3 WG1447585-4								
Methylene chloride	105		102		70-130	3		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	106		105		70-130	1		30
Carbon tetrachloride	113		111		70-130	2		30
1,2-Dichloropropane	102		101		70-130	1		30
Dibromochloromethane	104		102		70-130	2		30
1,1,2-Trichloroethane	99		98		70-130	1		30
Tetrachloroethene	**131**	Q	**131**	Q	70-130	0		30
Chlorobenzene	112		111		70-130	1		30
Trichlorofluoromethane	99		96		70-139	3		30
1,2-Dichloroethane	101		99		70-130	2		30
1,1,1-Trichloroethane	115		113		70-130	2		30
Bromodichloromethane	113		110		70-130	3		30
trans-1,3-Dichloropropene	104		103		70-130	1		30
cis-1,3-Dichloropropene	98		97		70-130	1		30
Bromoform	116		114		70-130	2		30
1,1,2,2-Tetrachloroethane	96		92		70-130	4		30
Benzene	109		106		70-130	3		30
Toluene	103		102		70-130	1		30
Ethylbenzene	106		104		70-130	2		30
Chloromethane	106		102		52-130	4		30
Bromomethane	68		65		57-147	5		30
Vinyl chloride	74		69		67-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1447585-3 WG1447585-4								
Chloroethane	66		65		50-151	2		30
1,1-Dichloroethene	116		112		65-135	4		30
trans-1,2-Dichloroethene	116		113		70-130	3		30
Trichloroethene	119		117		70-130	2		30
1,2-Dichlorobenzene	112		110		70-130	2		30
1,3-Dichlorobenzene	113		112		70-130	1		30
1,4-Dichlorobenzene	110		109		70-130	1		30
Methyl tert butyl ether	114		110		66-130	4		30
p/m-Xylene	116		114		70-130	2		30
o-Xylene	115		114		70-130	1		30
cis-1,2-Dichloroethene	115		114		70-130	1		30
Styrene	102		101		70-130	1		30
Dichlorodifluoromethane	115		109		30-146	5		30
Acetone	95		90		54-140	5		30
Carbon disulfide	100		96		59-130	4		30
2-Butanone	102		94		70-130	8		30
4-Methyl-2-pentanone	91		83		70-130	9		30
2-Hexanone	94		88		70-130	7		30
Bromochloromethane	127		123		70-130	3		30
1,2-Dibromoethane	113		110		70-130	3		30
1,2-Dibromo-3-chloropropane	109		105		68-130	4		30
Isopropylbenzene	108		107		70-130	1		30
1,2,3-Trichlorobenzene	124		123		70-130	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1447585-3 WG1447585-4								
1,2,4-Trichlorobenzene	125		125		70-130	0		30
Methyl Acetate	102		95		51-146	7		30
Cyclohexane	108		106		59-142	2		30
1,4-Dioxane	119		126		65-136	6		30
Freon-113	114		110		50-139	4		30
Methyl cyclohexane	114		110		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		99		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	108		108		70-130
Dibromofluoromethane	112		113		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08-09 Batch: WG1447587-3 WG1447587-4								
Methylene chloride	105		102		70-130	3		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	106		105		70-130	1		30
Carbon tetrachloride	113		111		70-130	2		30
1,2-Dichloropropane	102		101		70-130	1		30
Dibromochloromethane	104		102		70-130	2		30
1,1,2-Trichloroethane	99		98		70-130	1		30
Tetrachloroethene	**131**	Q	**131**	Q	70-130	0		30
Chlorobenzene	112		111		70-130	1		30
Trichlorofluoromethane	99		96		70-139	3		30
1,2-Dichloroethane	101		99		70-130	2		30
1,1,1-Trichloroethane	115		113		70-130	2		30
Bromodichloromethane	113		110		70-130	3		30
trans-1,3-Dichloropropene	104		103		70-130	1		30
cis-1,3-Dichloropropene	98		97		70-130	1		30
Bromoform	116		114		70-130	2		30
1,1,2,2-Tetrachloroethane	96		92		70-130	4		30
Benzene	109		106		70-130	3		30
Toluene	103		102		70-130	1		30
Ethylbenzene	106		104		70-130	2		30
Chloromethane	106		102		52-130	4		30
Bromomethane	68		65		57-147	5		30
Vinyl chloride	74		69		67-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08-09 Batch: WG1447587-3 WG1447587-4								
Chloroethane	66		65		50-151	2		30
1,1-Dichloroethene	116		112		65-135	4		30
trans-1,2-Dichloroethene	116		113		70-130	3		30
Trichloroethene	119		117		70-130	2		30
1,2-Dichlorobenzene	112		110		70-130	2		30
1,3-Dichlorobenzene	113		112		70-130	1		30
1,4-Dichlorobenzene	110		109		70-130	1		30
Methyl tert butyl ether	114		110		66-130	4		30
p/m-Xylene	116		114		70-130	2		30
o-Xylene	115		114		70-130	1		30
cis-1,2-Dichloroethene	115		114		70-130	1		30
Styrene	102		101		70-130	1		30
Dichlorodifluoromethane	115		109		30-146	5		30
Acetone	95		90		54-140	5		30
Carbon disulfide	100		96		59-130	4		30
2-Butanone	102		94		70-130	8		30
4-Methyl-2-pentanone	91		83		70-130	9		30
2-Hexanone	94		88		70-130	7		30
Bromochloromethane	127		123		70-130	3		30
1,2-Dibromoethane	113		110		70-130	3		30
1,2-Dibromo-3-chloropropane	109		105		68-130	4		30
Isopropylbenzene	108		107		70-130	1		30
1,2,3-Trichlorobenzene	124		123		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08-09 Batch: WG1447587-3 WG1447587-4								
1,2,4-Trichlorobenzene	125		125		70-130	0		30
Methyl Acetate	102		95		51-146	7		30
Cyclohexane	108		106		59-142	2		30
1,4-Dioxane	119		126		65-136	6		30
Freon-113	114		110		50-139	4		30
Methyl cyclohexane	114		110		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		99		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	108		108		70-130
Dibromofluoromethane	112		113		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,10,12-14 Batch: WG1447700-3 WG1447700-4								
Methylene chloride	110		113		70-130	3		30
1,1-Dichloroethane	116		117		70-130	1		30
Chloroform	108		110		70-130	2		30
Carbon tetrachloride	105		105		70-130	0		30
1,2-Dichloropropane	110		112		70-130	2		30
Dibromochloromethane	92		96		70-130	4		30
1,1,2-Trichloroethane	93		95		70-130	2		30
Tetrachloroethene	99		100		70-130	1		30
Chlorobenzene	96		98		70-130	2		30
Trichlorofluoromethane	**62**	Q	**63**	Q	70-139	2		30
1,2-Dichloroethane	104		106		70-130	2		30
1,1,1-Trichloroethane	101		102		70-130	1		30
Bromodichloromethane	94		96		70-130	2		30
trans-1,3-Dichloropropene	97		100		70-130	3		30
cis-1,3-Dichloropropene	105		109		70-130	4		30
Bromoform	83		87		70-130	5		30
1,1,2,2-Tetrachloroethane	88		91		70-130	3		30
Benzene	109		111		70-130	2		30
Toluene	99		100		70-130	1		30
Ethylbenzene	96		97		70-130	1		30
Chloromethane	130		127		52-130	2		30
Bromomethane	92		88		57-147	4		30
Vinyl chloride	74		74		67-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,10,12-14 Batch: WG1447700-3 WG1447700-4								
Chloroethane	58		58		50-151	0		30
1,1-Dichloroethene	123		123		65-135	0		30
trans-1,2-Dichloroethene	117		118		70-130	1		30
Trichloroethene	104		105		70-130	1		30
1,2-Dichlorobenzene	92		94		70-130	2		30
1,3-Dichlorobenzene	93		93		70-130	0		30
1,4-Dichlorobenzene	93		93		70-130	0		30
Methyl tert butyl ether	111		115		66-130	4		30
p/m-Xylene	94		95		70-130	1		30
o-Xylene	92		95		70-130	3		30
cis-1,2-Dichloroethene	110		111		70-130	1		30
Styrene	89		91		70-130	2		30
Dichlorodifluoromethane	110		109		30-146	1		30
Acetone	108		120		54-140	11		30
Carbon disulfide	125		125		59-130	0		30
2-Butanone	99		104		70-130	5		30
4-Methyl-2-pentanone	89		92		70-130	3		30
2-Hexanone	80		83		70-130	4		30
Bromochloromethane	112		113		70-130	1		30
1,2-Dibromoethane	96		100		70-130	4		30
1,2-Dibromo-3-chloropropane	87		92		68-130	6		30
Isopropylbenzene	91		92		70-130	1		30
1,2,3-Trichlorobenzene	96		97		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,10,12-14 Batch: WG1447700-3 WG1447700-4								
1,2,4-Trichlorobenzene	97		99		70-130	2		30
Methyl Acetate	117		121		51-146	3		30
Cyclohexane	112		112		59-142	0		30
1,4-Dioxane	114		123		65-136	8		30
Freon-113	124		124		50-139	0		30
Methyl cyclohexane	103		104		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		94		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 Batch: WG1447743-3 WG1447743-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	110		120		70-130	9		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	120		120		70-130	0		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	99		110		70-130	11		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	130		130		70-130	0		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	110		120		67-130	9		20
trans-1,3-Dichloropropene	110		120		70-130	9		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
Bromoform	110		110		54-136	0		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	100		110		70-130	10		20
Toluene	100		120		70-130	18		20
Ethylbenzene	100		120		70-130	18		20
Chloromethane	90		91		64-130	1		20
Bromomethane	**38**	Q	42		39-139	10		20
Vinyl chloride	89		91		55-140	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 Batch: WG1447743-3 WG1447743-4								
Chloroethane	94		110		55-138	16		20
1,1-Dichloroethene	97		110		61-145	13		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		110		70-130	10		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	120		120		63-130	0		20
p/m-Xylene	95		105		70-130	10		20
o-Xylene	95		105		70-130	10		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	95		105		70-130	10		20
Dichlorodifluoromethane	58		61		36-147	5		20
Acetone	**160**	Q	130		58-148	**21**	Q	20
Carbon disulfide	87		96		51-130	10		20
2-Butanone	**140**	Q	120		63-138	15		20
4-Methyl-2-pentanone	120		130		59-130	8		20
2-Hexanone	110		120		57-130	9		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	93		100		41-144	7		20
Isopropylbenzene	96		110		70-130	14		20
1,2,3-Trichlorobenzene	98		100		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 Batch: WG1447743-3 WG1447743-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	120		120		70-130	0		20
Cyclohexane	130		**140**	Q	70-130	7		20
1,4-Dioxane	108		80		56-162	**30**	Q	20
Freon-113	100		110		70-130	10		20
Methyl cyclohexane	98		110		70-130	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		112		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	112		113		70-130
Dibromofluoromethane	95		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1448212-3 WG1448212-4								
Methylene chloride	95		96		70-130	1		30
1,1-Dichloroethane	104		104		70-130	0		30
Chloroform	95		96		70-130	1		30
Carbon tetrachloride	99		98		70-130	1		30
1,2-Dichloropropane	103		105		70-130	2		30
Dibromochloromethane	101		103		70-130	2		30
1,1,2-Trichloroethane	101		104		70-130	3		30
Tetrachloroethene	101		99		70-130	2		30
Chlorobenzene	100		99		70-130	1		30
Trichlorofluoromethane	106		105		70-139	1		30
1,2-Dichloroethane	96		100		70-130	4		30
1,1,1-Trichloroethane	96		96		70-130	0		30
Bromodichloromethane	95		97		70-130	2		30
trans-1,3-Dichloropropene	105		107		70-130	2		30
cis-1,3-Dichloropropene	100		102		70-130	2		30
Bromoform	97		100		70-130	3		30
1,1,2,2-Tetrachloroethane	104		109		70-130	5		30
Benzene	100		100		70-130	0		30
Toluene	102		102		70-130	0		30
Ethylbenzene	103		102		70-130	1		30
Chloromethane	111		111		52-130	0		30
Bromomethane	106		108		57-147	2		30
Vinyl chloride	113		111		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1448212-3 WG1448212-4								
Chloroethane	117		116		50-151	1		30
1,1-Dichloroethene	104		103		65-135	1		30
trans-1,2-Dichloroethene	101		101		70-130	0		30
Trichloroethene	96		97		70-130	1		30
1,2-Dichlorobenzene	101		102		70-130	1		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	103		104		70-130	1		30
Methyl tert butyl ether	96		101		66-130	5		30
p/m-Xylene	102		101		70-130	1		30
o-Xylene	101		101		70-130	0		30
cis-1,2-Dichloroethene	98		97		70-130	1		30
Styrene	102		103		70-130	1		30
Dichlorodifluoromethane	100		98		30-146	2		30
Acetone	100		105		54-140	5		30
Carbon disulfide	107		108		59-130	1		30
2-Butanone	103		112		70-130	8		30
4-Methyl-2-pentanone	109		117		70-130	7		30
2-Hexanone	110		119		70-130	8		30
Bromochloromethane	98		100		70-130	2		30
1,2-Dibromoethane	98		101		70-130	3		30
1,2-Dibromo-3-chloropropane	93		99		68-130	6		30
Isopropylbenzene	106		104		70-130	2		30
1,2,3-Trichlorobenzene	103		107		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1448212-3 WG1448212-4								
1,2,4-Trichlorobenzene	106		109		70-130	3		30
Methyl Acetate	104		111		51-146	7		30
Cyclohexane	121		120		59-142	1		30
1,4-Dioxane	92		98		65-136	6		30
Freon-113	109		108		50-139	1		30
Methyl cyclohexane	108		107		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		116		70-130
Toluene-d8	116		115		70-130
4-Bromofluorobenzene	114		113		70-130
Dibromofluoromethane	107		110		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 QC Batch ID: WG1447392-6 WG1447392-7 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Methylene chloride	ND	79.6	78	97		82	100		70-130	6		30
1,1-Dichloroethane	ND	79.6	82	103		88	107		70-130	7		30
Chloroform	0.12J	79.6	72	90		78	94		70-130	8		30
Carbon tetrachloride	ND	79.6	71	89		77	94		70-130	9		30
1,2-Dichloropropane	ND	79.6	70	88		76	92		70-130	8		30
Dibromochloromethane	ND	79.6	50	**62**	Q	56	**68**	Q	70-130	12		30
1,1,2-Trichloroethane	ND	79.6	53	**67**	Q	59	71		70-130	10		30
Tetrachloroethene	0.23J	79.6	39	**50**	Q	45	**55**	Q	70-130	14		30
Chlorobenzene	ND	79.6	36	**45**	Q	41	**50**	Q	70-130	14		30
Trichlorofluoromethane	ND	79.6	51	**64**	Q	54	**66**	Q	70-139	6		30
1,2-Dichloroethane	ND	79.6	65	82		71	86		70-130	9		30
1,1,1-Trichloroethane	ND	79.6	73	91		78	95		70-130	8		30
Bromodichloromethane	ND	79.6	57	72		64	77		70-130	10		30
trans-1,3-Dichloropropene	ND	79.6	41	**51**	Q	48	**58**	Q	70-130	16		30
cis-1,3-Dichloropropene	ND	79.6	49	**61**	Q	57	**69**	Q	70-130	16		30
Bromoform	ND	79.6	41	**51**	Q	47	**57**	Q	70-130	14		30
1,1,2,2-Tetrachloroethane	ND	79.6	45	**56**	Q	51	**61**	Q	70-130	13		30
Benzene	6.9	79.6	82	94		88	98		70-130	7		30
Toluene	ND	79.6	48	**60**	Q	53	**64**	Q	70-130	11		30
Ethylbenzene	ND	79.6	34	**42**	Q	38	**46**	Q	70-130	13		30
Chloromethane	ND	79.6	110	**133**	Q	110	**133**	Q	52-130	4		30
Bromomethane	ND	79.6	56	70		62	76		57-147	12		30
Vinyl chloride	ND	79.6	62	78		66	80		67-130	5		30

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 QC Batch ID: WG1447392-6 WG1447392-7 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Chloroethane	ND	79.6	44	55		47	57		50-151	7		30
1,1-Dichloroethene	ND	79.6	93	116		99	120		65-135	7		30
trans-1,2-Dichloroethene	0.52J	79.6	75	94		81	98		70-130	8		30
Trichloroethene	ND	79.6	56	70		63	76		70-130	12		30
1,2-Dichlorobenzene	ND	79.6	22	**27**	Q	27	**32**	Q	70-130	20		30
1,3-Dichlorobenzene	ND	79.6	19	**24**	Q	23	**28**	Q	70-130	21		30
1,4-Dichlorobenzene	ND	79.6	18	**22**	Q	22	**27**	Q	70-130	22		30
Methyl tert butyl ether	ND	79.6	82	102		88	106		66-130	7		30
p/m-Xylene	ND	159	62	**39**	Q	71	**43**	Q	70-130	14		30
o-Xylene	ND	159	68	**42**	Q	78	**47**	Q	70-130	14		30
cis-1,2-Dichloroethene	ND	79.6	69	87		75	91		70-130	8		30
Styrene	ND	159	53	**33**	Q	62	**37**	Q	70-130	15		30
Dichlorodifluoromethane	ND	79.6	100	127		100	126		30-146	3		30
Acetone	8.7	79.6	93	117		99	120		54-140	6		30
Carbon disulfide	4.1J	79.6	96	121		98	118		59-130	1		30
2-Butanone	ND	79.6	71	89		76	92		70-130	7		30
4-Methyl-2-pentanone	ND	79.6	59	74		64	78		70-130	9		30
2-Hexanone	ND	79.6	48	**60**	Q	54	**65**	Q	70-130	11		30
Bromochloromethane	ND	79.6	70	88		77	93		70-130	9		30
1,2-Dibromoethane	ND	79.6	47	**59**	Q	53	**64**	Q	70-130	12		30
1,2-Dibromo-3-chloropropane	ND	79.6	40	**50**	Q	46	**56**	Q	68-130	16		30
Isopropylbenzene	ND	79.6	28	**35**	Q	33	**40**	Q	70-130	16		30
1,2,3-Trichlorobenzene	ND	79.6	13	**16**	Q	17	**21**	Q	70-130	29		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 QC Batch ID: WG1447392-6 WG1447392-7 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
1,2,4-Trichlorobenzene	ND	79.6	11	**13**	Q	15	**18**	Q	70-130	**33**	Q	30
Methyl Acetate	ND	79.6	85	107		100	121		51-146	16		30
Cyclohexane	ND	79.6	79	99		85	103		59-142	8		30
1,4-Dioxane	ND	3980	4200	106		4600	112		65-136	8		30
Freon-113	ND	79.6	100	126		110	128		50-139	6		30
Methyl cyclohexane	ND	79.6	63	79		69	83		70-130	9		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		93		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	102		101		70-130
Toluene-d8	95		93		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 QC Batch ID: WG1447743-6 WG1447743-7 QC Sample: L2054538-28 Client ID: TMW-101												
Methylene chloride	ND	10	9.8	98		10	100		70-130	2		20
1,1-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
Chloroform	0.72J	10	12	120		13	130		70-130	8		20
Carbon tetrachloride	ND	10	12	120		13	130		63-132	8		20
1,2-Dichloropropane	ND	10	11	110		12	120		70-130	9		20
Dibromochloromethane	ND	10	11	110		12	120		63-130	9		20
1,1,2-Trichloroethane	ND	10	10	100		12	120		70-130	18		20
Tetrachloroethene	5.4	10	17	116		19	**136**	Q	70-130	11		20
Chlorobenzene	ND	10	11	110		12	120		75-130	9		20
Trichlorofluoromethane	ND	10	12	120		12	120		62-150	0		20
1,2-Dichloroethane	ND	10	12	120		13	130		70-130	8		20
1,1,1-Trichloroethane	ND	10	12	120		13	130		67-130	8		20
Bromodichloromethane	ND	10	11	110		12	120		67-130	9		20
trans-1,3-Dichloropropene	ND	10	12	120		13	130		70-130	8		20
cis-1,3-Dichloropropene	ND	10	10	100		11	110		70-130	10		20
Bromoform	ND	10	11	110		12	120		54-136	9		20
1,1,2,2-Tetrachloroethane	ND	10	11	110		12	120		67-130	9		20
Benzene	23	10	36	130		32	90		70-130	12		20
Toluene	ND	10	12	120		13	130		70-130	8		20
Ethylbenzene	ND	10	12	120		12	120		70-130	0		20
Chloromethane	ND	10	9.9	99		9.9	99		64-130	0		20
Bromomethane	ND	10	1.3J	**13**	Q	1.3J	**13**	Q	39-139	0		20
Vinyl chloride	1.2	10	11	98		11	98		55-140	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 QC Batch ID: WG1447743-6 WG1447743-7 QC Sample: L2054538-28 Client ID: TMW-101												
Chloroethane	ND	10	10	100		11	110		55-138	10		20
1,1-Dichloroethene	ND	10	10	100		11	110		61-145	10		20
trans-1,2-Dichloroethene	0.92J	10	12	120		13	130		70-130	8		20
Trichloroethene	2.7	10	14	113		15	123		70-130	7		20
1,2-Dichlorobenzene	ND	10	11	110		12	120		70-130	9		20
1,3-Dichlorobenzene	ND	10	11	110		12	120		70-130	9		20
1,4-Dichlorobenzene	ND	10	11	110		12	120		70-130	9		20
Methyl tert butyl ether	ND	10	12	120		13	130		63-130	8		20
p/m-Xylene	ND	20	21	105		23	115		70-130	9		20
o-Xylene	ND	20	21	105		22	110		70-130	5		20
cis-1,2-Dichloroethene	3.1	10	12	89		14	109		70-130	15		20
Styrene	ND	20	20	100		22	110		70-130	10		20
Dichlorodifluoromethane	ND	10	8.0	80		8.2	82		36-147	2		20
Acetone	5.5	10	16	105		19	135		58-148	17		20
Carbon disulfide	ND	10	10	100		11	110		51-130	10		20
2-Butanone	ND	10	12	120		13	130		63-138	8		20
4-Methyl-2-pentanone	ND	10	12	120		15	**150**	Q	59-130	**22**	Q	20
2-Hexanone	ND	10	11	110		13	130		57-130	17		20
Bromochloromethane	ND	10	10	100		11	110		70-130	10		20
1,2-Dibromoethane	ND	10	10	100		11	110		70-130	10		20
1,2-Dibromo-3-chloropropane	ND	10	9.8	98		10	100		41-144	2		20
Isopropylbenzene	ND	10	11	110		12	120		70-130	9		20
1,2,3-Trichlorobenzene	ND	10	10	100		10	100		70-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 QC Batch ID: WG1447743-6 WG1447743-7 QC Sample: L2054538-28 Client ID: TMW-101												
1,2,4-Trichlorobenzene	ND	10	10	100		11	110		70-130	10		20
Methyl Acetate	ND	10	11	110		12	120		70-130	9		20
Cyclohexane	ND	10	14	**140**	Q	15	**150**	Q	70-130	7		20
1,4-Dioxane	ND	500	310	62		390	78		56-162	**23**	Q	20
Freon-113	ND	10	11	110		12	120		70-130	9		20
Methyl cyclohexane	ND	10	11	110		12	120		70-130	9		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		120		70-130
4-Bromofluorobenzene	117		115		70-130
Dibromofluoromethane	94		96		70-130
Toluene-d8	107		109		70-130

SEMIVOLATILES

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01
Client ID: SOIL-SB-100
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 09:20
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 22:21
Analyst: SLR
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	29.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	53.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01 Date Collected: 12/07/20 09:20

Client ID: SOIL-SB-100 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	170	34.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	50.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	ND		ug/kg	220	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	ND		ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	290	59.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01 Date Collected: 12/07/20 09:20

Client ID: SOIL-SB-100 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	57		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02
Client ID: SOIL-SB-105
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 13:50
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 21:58
Analyst: SLR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02 Date Collected: 12/07/20 13:50

Client ID: SOIL-SB-105 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02 Date Collected: 12/07/20 13:50

Client ID: SOIL-SB-105 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	59		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 23:28
Analyst: SLR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	240		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03 Date Collected: 12/08/20 08:45

Client ID: SOIL-SB-106 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	280		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03 Date Collected: 12/08/20 08:45

Client ID: SOIL-SB-106 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	65		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/20/20 22:47
Analyst: SG
Percent Solids: 85%

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.529	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.529	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.529	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.529	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.529	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.529	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.529	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.529	0.190	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.529	0.144	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.529	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.529	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.529	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.529	0.304	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.529	0.213	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.529	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.529	0.162	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.529	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.529	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.529	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.529	0.216	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.529	0.057	1
PFOA/PFOS, Total	ND		ug/kg	0.529	0.044	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03 Date Collected: 12/08/20 08:45

Client ID: SOIL-SB-106 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	112		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	110		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	100		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	100		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	114		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	105		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	70		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		26-160

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04
Client ID: SOIL-SB-108
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 09:40
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 01:42
Analyst: SLR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	860		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	5800		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	5300		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	2800		ug/kg	120	22.	1
Benzo(a)pyrene	2000		ug/kg	160	48.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04 Date Collected: 12/08/20 09:40

Client ID: SOIL-SB-108 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2200		ug/kg	120	33.	1
Benzo(k)fluoranthene	850		ug/kg	120	31.	1
Chrysene	2200		ug/kg	120	20.	1
Acenaphthylene	1800		ug/kg	160	30.	1
Anthracene	2400		ug/kg	120	38.	1
Benzo(ghi)perylene	770		ug/kg	160	23.	1
Fluorene	2500		ug/kg	190	19.	1
Phenanthrene	7100		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	240		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	980		ug/kg	160	27.	1
Pyrene	4500		ug/kg	120	19.	1
Biphenyl	530		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	1900		ug/kg	190	18.	1
2-Methylnaphthalene	2300		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	540		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	2100		ug/kg	190	29.	1
2-Methylphenol	1400		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	4300		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	760		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04 Date Collected: 12/08/20 09:40

Client ID: SOIL-SB-108 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	48		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05
Client ID: SOIL-SB-110
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:00
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 22:43
Analyst: SLR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	34	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	87	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	3800		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	33	J	ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05 Date Collected: 12/08/20 11:00

Client ID: SOIL-SB-110 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	24	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	42	J	ug/kg	190	19.	1
Phenanthrene	140		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	76	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	24	J	ug/kg	190	18.	1
2-Methylnaphthalene	2900		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05 Date Collected: 12/08/20 11:00

Client ID: SOIL-SB-110 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	65		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06
Client ID: SOIL-SB-111
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 23:50
Analyst: SLR
Percent Solids: 56%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	56	J	ug/kg	230	30.	1
Hexachlorobenzene	ND		ug/kg	170	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	260	39.	1
2-Chloronaphthalene	ND		ug/kg	290	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	290	77.	1
2,4-Dinitrotoluene	ND		ug/kg	290	58.	1
2,6-Dinitrotoluene	ND		ug/kg	290	50.	1
Fluoranthene	96	J	ug/kg	170	33.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	290	31.	1
4-Bromophenyl phenyl ether	ND		ug/kg	290	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	350	49.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	310	29.	1
Hexachlorobutadiene	ND		ug/kg	290	42.	1
Hexachlorocyclopentadiene	ND		ug/kg	830	260	1
Hexachloroethane	ND		ug/kg	230	47.	1
Isophorone	ND		ug/kg	260	37.	1
Naphthalene	79	J	ug/kg	290	35.	1
Nitrobenzene	ND		ug/kg	260	43.	1
NDPA/DPA	ND		ug/kg	230	33.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	290	44.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	290	100	1
Butyl benzyl phthalate	ND		ug/kg	290	73.	1
Di-n-butylphthalate	ND		ug/kg	290	55.	1
Di-n-octylphthalate	ND		ug/kg	290	98.	1
Diethyl phthalate	ND		ug/kg	290	27.	1
Dimethyl phthalate	ND		ug/kg	290	61.	1
Benzo(a)anthracene	59	J	ug/kg	170	32.	1
Benzo(a)pyrene	90	J	ug/kg	230	70.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06 Date Collected: 12/08/20 11:50

Client ID: SOIL-SB-111 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	89	J	ug/kg	170	49.	1
Benzo(k)fluoranthene	ND		ug/kg	170	46.	1
Chrysene	65	J	ug/kg	170	30.	1
Acenaphthylene	ND		ug/kg	230	44.	1
Anthracene	56	J	ug/kg	170	56.	1
Benzo(ghi)perylene	58	J	ug/kg	230	34.	1
Fluorene	170	J	ug/kg	290	28.	1
Phenanthrene	48	J	ug/kg	170	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	170	33.	1
Indeno(1,2,3-cd)pyrene	61	J	ug/kg	230	40.	1
Pyrene	140	J	ug/kg	170	29.	1
Biphenyl	ND		ug/kg	660	67.	1
4-Chloroaniline	ND		ug/kg	290	52.	1
2-Nitroaniline	ND		ug/kg	290	56.	1
3-Nitroaniline	ND		ug/kg	290	54.	1
4-Nitroaniline	ND		ug/kg	290	120	1
Dibenzofuran	82	J	ug/kg	290	27.	1
2-Methylnaphthalene	69	J	ug/kg	350	35.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	290	30.	1
Acetophenone	ND		ug/kg	290	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	170	55.	1
p-Chloro-m-cresol	ND		ug/kg	290	43.	1
2-Chlorophenol	ND		ug/kg	290	34.	1
2,4-Dichlorophenol	ND		ug/kg	260	46.	1
2,4-Dimethylphenol	ND		ug/kg	290	95.	1
2-Nitrophenol	ND		ug/kg	620	110	1
4-Nitrophenol	ND		ug/kg	400	120	1
2,4-Dinitrophenol	ND		ug/kg	1400	130	1
4,6-Dinitro-o-cresol	ND		ug/kg	750	140	1
Pentachlorophenol	ND		ug/kg	230	64.	1
Phenol	ND		ug/kg	290	44.	1
2-Methylphenol	ND		ug/kg	290	45.	1
3-Methylphenol/4-Methylphenol	45	J	ug/kg	420	45.	1
2,4,5-Trichlorophenol	ND		ug/kg	290	55.	1
Carbazole	ND		ug/kg	290	28.	1
Atrazine	ND		ug/kg	230	100	1
Benzaldehyde	ND		ug/kg	380	78.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06 Date Collected: 12/08/20 11:50

Client ID: SOIL-SB-111 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	290	88.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	290	58.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	50		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 00:57
Analyst: SLR
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	140	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	31.	1
2-Chloronaphthalene	ND		ug/kg	230	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	60.	1
2,4-Dinitrotoluene	ND		ug/kg	230	45.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	310		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	23.	1
Hexachlorobutadiene	ND		ug/kg	230	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	200	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	150	J	ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	200	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	78.	1
Butyl benzyl phthalate	ND		ug/kg	230	57.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	77.	1
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	140		ug/kg	140	26.	1
Benzo(a)pyrene	120	J	ug/kg	180	55.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07 Date Collected: 12/08/20 15:10

Client ID: SOIL-SB-113 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	140		ug/kg	140	38.	1
Benzo(k)fluoranthene	54	J	ug/kg	140	36.	1
Chrysene	130	J	ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	130	J	ug/kg	140	44.	1
Benzo(ghi)perylene	65	J	ug/kg	180	27.	1
Fluorene	250		ug/kg	230	22.	1
Phenanthrene	610		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	72	J	ug/kg	180	32.	1
Pyrene	310		ug/kg	140	22.	1
Biphenyl	ND		ug/kg	520	52.	1
4-Chloroaniline	ND		ug/kg	230	41.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	94.	1
Dibenzofuran	110	J	ug/kg	230	21.	1
2-Methylnaphthalene	540		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	230	75.	1
2-Nitrophenol	ND		ug/kg	490	85.	1
4-Nitrophenol	ND		ug/kg	320	92.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	34.	1
2-Methylphenol	ND		ug/kg	230	35.	1
3-Methylphenol/4-Methylphenol	110	J	ug/kg	330	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	43.	1
Carbazole	ND		ug/kg	230	22.	1
Atrazine	ND		ug/kg	180	79.	1
Benzaldehyde	ND		ug/kg	300	61.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07 Date Collected: 12/08/20 15:10

Client ID: SOIL-SB-113 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	230	69.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	230	46.	1
1,4-Dioxane	ND		ug/kg	34	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	57		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/20/20 23:20
Analyst: SG
Percent Solids: 73%

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.598	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.598	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.598	0.047	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.598	0.063	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.598	0.054	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.598	0.072	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.598	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.598	0.214	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.598	0.163	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.598	0.090	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.598	0.155	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.598	0.080	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.598	0.343	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.598	0.241	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.598	0.056	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.598	0.183	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.598	0.101	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.598	0.084	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.598	0.244	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.598	0.065	1
PFOA/PFOS, Total	ND		ug/kg	0.598	0.050	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07 Date Collected: 12/08/20 15:10

Client ID: SOIL-SB-113 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	111		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		64-158
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	61		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		26-160

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 16:21
Analyst: RS
Percent Solids: 73%

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.598	0.117	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	71		1-125

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08
Client ID: SOIL-SB-115
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 01:20
Analyst: SLR
Percent Solids: 62%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	410		ug/kg	220	28.	1
Hexachlorobenzene	ND		ug/kg	160	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	36.	1
2-Chloronaphthalene	ND		ug/kg	270	27.	1
3,3'-Dichlorobenzidine	ND		ug/kg	270	72.	1
2,4-Dinitrotoluene	ND		ug/kg	270	54.	1
2,6-Dinitrotoluene	ND		ug/kg	270	46.	1
Fluoranthene	240		ug/kg	160	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	270	29.	1
4-Bromophenyl phenyl ether	ND		ug/kg	270	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	320	46.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	290	27.	1
Hexachlorobutadiene	ND		ug/kg	270	39.	1
Hexachlorocyclopentadiene	ND		ug/kg	770	240	1
Hexachloroethane	ND		ug/kg	220	44.	1
Isophorone	ND		ug/kg	240	35.	1
Naphthalene	340		ug/kg	270	33.	1
Nitrobenzene	ND		ug/kg	240	40.	1
NDPA/DPA	ND		ug/kg	220	31.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	270	42.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	270	93.	1
Butyl benzyl phthalate	ND		ug/kg	270	68.	1
Di-n-butylphthalate	ND		ug/kg	270	51.	1
Di-n-octylphthalate	ND		ug/kg	270	92.	1
Diethyl phthalate	ND		ug/kg	270	25.	1
Dimethyl phthalate	ND		ug/kg	270	56.	1
Benzo(a)anthracene	110	J	ug/kg	160	30.	1
Benzo(a)pyrene	ND		ug/kg	220	66.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08 Date Collected: 12/08/20 15:45

Client ID: SOIL-SB-115 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	86	J	ug/kg	160	45.	1
Benzo(k)fluoranthene	ND		ug/kg	160	43.	1
Chrysene	130	J	ug/kg	160	28.	1
Acenaphthylene	ND		ug/kg	220	42.	1
Anthracene	300		ug/kg	160	52.	1
Benzo(ghi)perylene	36	J	ug/kg	220	32.	1
Fluorene	1000		ug/kg	270	26.	1
Phenanthrene	1900		ug/kg	160	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	160	31.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	220	38.	1
Pyrene	460		ug/kg	160	27.	1
Biphenyl	ND		ug/kg	610	62.	1
4-Chloroaniline	ND		ug/kg	270	49.	1
2-Nitroaniline	ND		ug/kg	270	52.	1
3-Nitroaniline	ND		ug/kg	270	51.	1
4-Nitroaniline	ND		ug/kg	270	110	1
Dibenzofuran	ND		ug/kg	270	25.	1
2-Methylnaphthalene	5000		ug/kg	320	32.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	270	28.	1
Acetophenone	ND		ug/kg	270	33.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	51.	1
p-Chloro-m-cresol	ND		ug/kg	270	40.	1
2-Chlorophenol	ND		ug/kg	270	32.	1
2,4-Dichlorophenol	ND		ug/kg	240	43.	1
2,4-Dimethylphenol	ND		ug/kg	270	89.	1
2-Nitrophenol	ND		ug/kg	580	100	1
4-Nitrophenol	ND		ug/kg	380	110	1
2,4-Dinitrophenol	ND		ug/kg	1300	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	700	130	1
Pentachlorophenol	ND		ug/kg	220	59.	1
Phenol	ND		ug/kg	270	41.	1
2-Methylphenol	ND		ug/kg	270	42.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	390	42.	1
2,4,5-Trichlorophenol	ND		ug/kg	270	52.	1
Carbazole	ND		ug/kg	270	26.	1
Atrazine	ND		ug/kg	220	94.	1
Benzaldehyde	ND		ug/kg	360	73.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08 Date Collected: 12/08/20 15:45

Client ID: SOIL-SB-115 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	270	82.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	270	54.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	55		18-120

Project Name: FORMER COYNE TEXTILE

Lab Number: L2054538

Project Number: 059294.001.0008500

Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D2

Client ID: CHA-1

Sample Location: SYRACUSE, NY

Sample Depth:

Matrix: Soil

Analytical Method: 1,8270D

Analytical Date: 12/22/20 12:02

Analyst: SZ

Percent Solids: 59%

Date Collected: 12/08/20 15:45

Date Received: 12/09/20

Field Prep: Not Specified

Extraction Method: EPA 3546

Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	74000		ug/kg	1600	330	10

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/21/20 23:45
Analyst: SZ
Percent Solids: 59%

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	6900		ug/kg	1100	140	5
Hexachlorobenzene	ND		ug/kg	820	150	5
Bis(2-chloroethyl)ether	ND		ug/kg	1200	190	5
2-Chloronaphthalene	ND		ug/kg	1400	140	5
3,3'-Dichlorobenzidine	ND		ug/kg	1400	360	5
2,4-Dinitrotoluene	ND		ug/kg	1400	270	5
2,6-Dinitrotoluene	ND		ug/kg	1400	240	5
Fluoranthene	52000		ug/kg	820	160	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1400	150	5
4-Bromophenyl phenyl ether	ND		ug/kg	1400	210	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1600	230	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1500	140	5
Hexachlorobutadiene	ND		ug/kg	1400	200	5
Hexachlorocyclopentadiene	ND		ug/kg	3900	1200	5
Hexachloroethane	ND		ug/kg	1100	220	5
Isophorone	ND		ug/kg	1200	180	5
Naphthalene	15000		ug/kg	1400	170	5
Nitrobenzene	ND		ug/kg	1200	200	5
NDPA/DPA	ND		ug/kg	1100	160	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1400	210	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1400	470	5
Butyl benzyl phthalate	ND		ug/kg	1400	340	5
Di-n-butylphthalate	ND		ug/kg	1400	260	5
Di-n-octylphthalate	ND		ug/kg	1400	470	5
Diethyl phthalate	ND		ug/kg	1400	130	5
Dimethyl phthalate	ND		ug/kg	1400	290	5
Benzo(a)anthracene	23000		ug/kg	820	150	5
Benzo(a)pyrene	18000		ug/kg	1100	330	5

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D Date Collected: 12/08/20 15:45

Client ID: CHA-1 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	21000		ug/kg	820	230	5
Benzo(k)fluoranthene	7900		ug/kg	820	220	5
Chrysene	19000		ug/kg	820	140	5
Acenaphthylene	1400		ug/kg	1100	210	5
Anthracene	16000		ug/kg	820	270	5
Benzo(ghi)perylene	7600		ug/kg	1100	160	5
Fluorene	14000		ug/kg	1400	130	5
Phenanthrene	61000	E	ug/kg	820	170	5
Dibenzo(a,h)anthracene	2200		ug/kg	820	160	5
Indeno(1,2,3-cd)pyrene	9500		ug/kg	1100	190	5
Pyrene	40000		ug/kg	820	140	5
Biphenyl	1600	J	ug/kg	3100	320	5
4-Chloroaniline	ND		ug/kg	1400	250	5
2-Nitroaniline	ND		ug/kg	1400	260	5
3-Nitroaniline	ND		ug/kg	1400	260	5
4-Nitroaniline	ND		ug/kg	1400	570	5
Dibenzofuran	8800		ug/kg	1400	130	5
2-Methylnaphthalene	12000		ug/kg	1600	160	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1400	140	5
Acetophenone	ND		ug/kg	1400	170	5
2,4,6-Trichlorophenol	ND		ug/kg	820	260	5
p-Chloro-m-cresol	ND		ug/kg	1400	200	5
2-Chlorophenol	ND		ug/kg	1400	160	5
2,4-Dichlorophenol	ND		ug/kg	1200	220	5
2,4-Dimethylphenol	ND		ug/kg	1400	450	5
2-Nitrophenol	ND		ug/kg	3000	520	5
4-Nitrophenol	ND		ug/kg	1900	560	5
2,4-Dinitrophenol	ND		ug/kg	6600	640	5
4,6-Dinitro-o-cresol	ND		ug/kg	3600	660	5
Pentachlorophenol	ND		ug/kg	1100	300	5
Phenol	600	J	ug/kg	1400	210	5
2-Methylphenol	290	J	ug/kg	1400	210	5
3-Methylphenol/4-Methylphenol	850	J	ug/kg	2000	210	5
2,4,5-Trichlorophenol	ND		ug/kg	1400	260	5
Carbazole	ND		ug/kg	1400	130	5
Atrazine	ND		ug/kg	1100	480	5
Benzaldehyde	ND		ug/kg	1800	370	5

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D Date Collected: 12/08/20 15:45

Client ID: CHA-1 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1400	420	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1400	280	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	70		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/21/20 16:06
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/20/20 20:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10 Date Collected: 12/09/20 08:25

Client ID: SOIL-SB-116 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10 Date Collected: 12/09/20 08:25

Client ID: SOIL-SB-116 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	87		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/20/20 23:53
Analyst: SG
Percent Solids: 85%

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.572	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.572	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.572	0.045	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.572	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.572	0.052	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.572	0.069	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.572	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.572	0.206	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.572	0.156	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.572	0.086	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.572	0.149	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.572	0.077	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.572	0.328	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.572	0.231	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.572	0.054	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.572	0.175	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.572	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.572	0.097	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.572	0.080	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.572	0.234	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.572	0.062	1
PFOA/PFOS, Total	ND		ug/kg	0.572	0.048	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10 Date Collected: 12/09/20 08:25

Client ID: SOIL-SB-116 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	113		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	120		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	105		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	110		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	124		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	118		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	51		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	115		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		26-160

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11
Client ID: SOIL-SB-120
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 13:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 23:05
Analyst: SLR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	44.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11 Date Collected: 12/09/20 13:10

Client ID: SOIL-SB-120 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11 Date Collected: 12/09/20 13:10

Client ID: SOIL-SB-120 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	58		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12
Client ID: SOIL-SB-121
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 14:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 00:13
Analyst: SLR
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12 Date Collected: 12/09/20 14:25

Client ID: SOIL-SB-121 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	41	J	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	170	J	ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Carbazole	ND		ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12 Date Collected: 12/09/20 14:25

Client ID: SOIL-SB-121 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	65.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	61		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 00:35
Analyst: SLR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13 Date Collected: 12/09/20 15:50

Client ID: SOIL-SB-124 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13 Date Collected: 12/09/20 15:50

Client ID: SOIL-SB-124 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	59		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/21/20 00:10
Analyst: SG
Percent Solids: 86%

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.569	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.569	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.569	0.044	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.569	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.569	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.569	0.069	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.569	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.569	0.204	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.569	0.155	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.569	0.085	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.569	0.148	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.569	0.076	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.569	0.327	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.569	0.229	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.569	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.569	0.174	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.569	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.569	0.096	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.569	0.080	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.569	0.233	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.569	0.062	1
PFOA/PFOS, Total	ND		ug/kg	0.569	0.048	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13 Date Collected: 12/09/20 15:50

Client ID: SOIL-SB-124 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	110		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	108		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	113		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	119		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	101		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	108		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	124		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	94		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	116		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	111		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		26-160

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14
Client ID: SOIL-SB-125
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 16:25
Analyst: SZ
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	60.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	78.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	55.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14 Date Collected: 12/10/20 09:10

Client ID: SOIL-SB-125 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	38.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	130	44.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	93.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	300	60.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14 Date Collected: 12/10/20 09:10

Client ID: SOIL-SB-125 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	65		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 16:02
Analyst: SZ
Percent Solids: 61%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	210	28.	1
Hexachlorobenzene	ND		ug/kg	160	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	36.	1
2-Chloronaphthalene	ND		ug/kg	270	26.	1
3,3'-Dichlorobenzidine	ND		ug/kg	270	71.	1
2,4-Dinitrotoluene	ND		ug/kg	270	53.	1
2,6-Dinitrotoluene	ND		ug/kg	270	46.	1
Fluoranthene	ND		ug/kg	160	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	270	28.	1
4-Bromophenyl phenyl ether	ND		ug/kg	270	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	320	46.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	290	27.	1
Hexachlorobutadiene	ND		ug/kg	270	39.	1
Hexachlorocyclopentadiene	ND		ug/kg	760	240	1
Hexachloroethane	ND		ug/kg	210	43.	1
Isophorone	ND		ug/kg	240	35.	1
Naphthalene	ND		ug/kg	270	32.	1
Nitrobenzene	ND		ug/kg	240	40.	1
NDPA/DPA	ND		ug/kg	210	30.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	270	41.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	270	92.	1
Butyl benzyl phthalate	ND		ug/kg	270	67.	1
Di-n-butylphthalate	ND		ug/kg	270	51.	1
Di-n-octylphthalate	ND		ug/kg	270	91.	1
Diethyl phthalate	ND		ug/kg	270	25.	1
Dimethyl phthalate	ND		ug/kg	270	56.	1
Benzo(a)anthracene	ND		ug/kg	160	30.	1
Benzo(a)pyrene	ND		ug/kg	210	65.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15 Date Collected: 12/10/20 10:30

Client ID: SOIL-SB-126 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	160	45.	1
Benzo(k)fluoranthene	ND		ug/kg	160	43.	1
Chrysene	ND		ug/kg	160	28.	1
Acenaphthylene	ND		ug/kg	210	41.	1
Anthracene	ND		ug/kg	160	52.	1
Benzo(ghi)perylene	ND		ug/kg	210	31.	1
Fluorene	ND		ug/kg	270	26.	1
Phenanthrene	ND		ug/kg	160	32.	1
Dibenzo(a,h)anthracene	ND		ug/kg	160	31.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	210	37.	1
Pyrene	ND		ug/kg	160	26.	1
Biphenyl	ND		ug/kg	610	62.	1
4-Chloroaniline	ND		ug/kg	270	48.	1
2-Nitroaniline	ND		ug/kg	270	51.	1
3-Nitroaniline	ND		ug/kg	270	50.	1
4-Nitroaniline	ND		ug/kg	270	110	1
Dibenzofuran	ND		ug/kg	270	25.	1
2-Methylnaphthalene	ND		ug/kg	320	32.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	270	28.	1
Acetophenone	ND		ug/kg	270	33.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	51.	1
p-Chloro-m-cresol	ND		ug/kg	270	40.	1
2-Chlorophenol	ND		ug/kg	270	32.	1
2,4-Dichlorophenol	ND		ug/kg	240	43.	1
2,4-Dimethylphenol	ND		ug/kg	270	88.	1
2-Nitrophenol	ND		ug/kg	580	100	1
4-Nitrophenol	ND		ug/kg	370	110	1
2,4-Dinitrophenol	ND		ug/kg	1300	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	690	130	1
Pentachlorophenol	ND		ug/kg	210	59.	1
Phenol	ND		ug/kg	270	40.	1
2-Methylphenol	ND		ug/kg	270	41.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	380	42.	1
2,4,5-Trichlorophenol	ND		ug/kg	270	51.	1
Carbazole	ND		ug/kg	270	26.	1
Atrazine	ND		ug/kg	210	93.	1
Benzaldehyde	ND		ug/kg	350	72.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15 Date Collected: 12/10/20 10:30

Client ID: SOIL-SB-126 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	270	81.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	270	54.	1
1,4-Dioxane	ND		ug/kg	40	12.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	59		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 21:25
Analyst: SG
Percent Solids: 61%

Extraction Method: ALPHA 23528
Extraction Date: 12/21/20 09:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.794	0.036	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.794	0.073	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.794	0.062	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.794	0.083	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.794	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.794	0.096	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.794	0.067	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.794	0.285	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.794	0.217	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.794	0.119	1
Perfluorooctanesulfonic Acid (PFOS)	0.923		ug/kg	0.794	0.206	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.794	0.106	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.794	0.456	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.794	0.320	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.794	0.074	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.794	0.243	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.794	0.156	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.794	0.134	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.794	0.111	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.794	0.325	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.794	0.086	1
PFOA/PFOS, Total	0.923		ug/kg	0.794	0.067	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15 Date Collected: 12/10/20 10:30

Client ID: SOIL-SB-126 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	94		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	81		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	87		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	97		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		26-160

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16
Client ID: SOIL-SB-128
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 15:39
Analyst: SZ
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	62	J	ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	29.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	440		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	160	J	ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	200		ug/kg	130	24.	1
Benzo(a)pyrene	210		ug/kg	170	53.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16 Date Collected: 12/10/20 11:15

Client ID: SOIL-SB-128 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	220		ug/kg	130	36.	1
Benzo(k)fluoranthene	66	J	ug/kg	130	35.	1
Chrysene	190		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	34.	1
Anthracene	98	J	ug/kg	130	42.	1
Benzo(ghi)perylene	110	J	ug/kg	170	26.	1
Fluorene	73	J	ug/kg	220	21.	1
Phenanthrene	400		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	31	J	ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	170	30.	1
Pyrene	380		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	490	50.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	46	J	ug/kg	220	20.	1
2-Methylnaphthalene	34	J	ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	240	J	ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	38	J	ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	290	58.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16 Date Collected: 12/10/20 11:15

Client ID: SOIL-SB-128 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	58		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17
Client ID: SOIL-SB-129
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 12:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 15:17
Analyst: SZ
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	25	J	ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	140		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	100	J	ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	70	J	ug/kg	130	25.	1
Benzo(a)pyrene	68	J	ug/kg	180	54.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17 Date Collected: 12/10/20 12:05

Client ID: SOIL-SB-129 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	84	J	ug/kg	130	38.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	70	J	ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	46	J	ug/kg	130	44.	1
Benzo(ghi)perylene	31	J	ug/kg	180	26.	1
Fluorene	32	J	ug/kg	220	22.	1
Phenanthrene	85	J	ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	35	J	ug/kg	180	31.	1
Pyrene	160		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	32	J	ug/kg	220	21.	1
2-Methylnaphthalene	120	J	ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	58	J	ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	290	60.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17 Date Collected: 12/10/20 12:05

Client ID: SOIL-SB-129 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	52		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18
Client ID: SOIL-SB-130
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 14:54
Analyst: SZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18 Date Collected: 12/10/20 13:15

Client ID: SOIL-SB-130 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18 Date Collected: 12/10/20 13:15

Client ID: SOIL-SB-130 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	55		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 14:32
Analyst: SZ
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19 Date Collected: 12/10/20 13:40

Client ID: SOIL-SB-131 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	49.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Carbazole	ND		ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	75.	1
Benzaldehyde	ND		ug/kg	280	58.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19 Date Collected: 12/10/20 13:40

Client ID: SOIL-SB-131 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	65.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	52		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 21:41
Analyst: SG
Percent Solids: 77%

Extraction Method: ALPHA 23528
Extraction Date: 12/21/20 09:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.589	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.589	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.589	0.046	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.589	0.062	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.589	0.053	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.589	0.071	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.589	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.589	0.211	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.589	0.161	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.589	0.088	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.589	0.153	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.589	0.079	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.589	0.338	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.589	0.237	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.589	0.055	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.589	0.180	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.589	0.100	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.589	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.589	0.241	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.589	0.064	1
PFOA/PFOS, Total	ND		ug/kg	0.589	0.049	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19 Date Collected: 12/10/20 13:40

Client ID: SOIL-SB-131 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	89		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	103		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	70		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		64-158
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	97		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		26-160

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/27/20 18:36
Analyst: SG
Percent Solids: 77%

Extraction Method: ALPHA 23528
Extraction Date: 12/21/20 09:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.589	0.115	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	73		1-125

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20
Client ID: SOIL-SB-132
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 14:09
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20 Date Collected: 12/10/20 14:05

Client ID: SOIL-SB-132 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20 Date Collected: 12/10/20 14:05

Client ID: SOIL-SB-132 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	56		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 04:32
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 Date Collected: 12/10/20 08:15

Client ID: TMW-116 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	82		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 02:32
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.08	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.07	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.12		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.08	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-21	Date Collected:	12/10/20 08:15
Client ID:	TMW-116	Date Received:	12/11/20
Sample Location:	SYRACUSE, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	107		10-120
4-Terphenyl-d14	95		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/20 22:22
Analyst: WR

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/15/20 20:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	50		15-110

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 06:03
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.36		ng/l	1.75	0.357	1
Perfluoropentanoic Acid (PFPeA)	7.81		ng/l	1.75	0.346	1
Perfluorobutanesulfonic Acid (PFBS)	1.82		ng/l	1.75	0.208	1
Perfluorohexanoic Acid (PFHxA)	38.1		ng/l	1.75	0.287	1
Perfluoroheptanoic Acid (PFHpA)	5.62		ng/l	1.75	0.197	1
Perfluorohexanesulfonic Acid (PFHxS)	0.629	J	ng/l	1.75	0.329	1
Perfluorooctanoic Acid (PFOA)	1.88		ng/l	1.75	0.206	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	292	F	ng/l	1.75	1.16	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.75	0.601	1
Perfluorononanoic Acid (PFNA)	0.650	J	ng/l	1.75	0.273	1
Perfluorooctanesulfonic Acid (PFOS)	5.85	F	ng/l	1.75	0.440	1
Perfluorodecanoic Acid (PFDA)	0.297	J	ng/l	1.75	0.266	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.75	1.06	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.75	0.566	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.75	0.227	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.75	0.857	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.75	0.507	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.75	0.703	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.75	0.325	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.75	0.286	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.75	0.217	1
PFOA/PFOS, Total	7.73		ng/l	1.75	0.206	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 Date Collected: 12/10/20 08:15

Client ID: TMW-116 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	90		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	69		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	79		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**255**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	168		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	48		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	50		33-143

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 RE
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 12:12
Analyst: SG

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.18		ng/l	1.81	0.369	1
Perfluoropentanoic Acid (PFPeA)	5.76		ng/l	1.81	0.358	1
Perfluorobutanesulfonic Acid (PFBS)	1.48	J	ng/l	1.81	0.215	1
Perfluorohexanoic Acid (PFHxA)	26.6		ng/l	1.81	0.297	1
Perfluoroheptanoic Acid (PFHpA)	3.86		ng/l	1.81	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	0.558	J	ng/l	1.81	0.340	1
Perfluorooctanoic Acid (PFOA)	1.66	J	ng/l	1.81	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	203	F	ng/l	1.81	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.81	0.623	1
Perfluorononanoic Acid (PFNA)	0.565	J	ng/l	1.81	0.282	1
Perfluorooctanesulfonic Acid (PFOS)	6.18	F	ng/l	1.81	0.456	1
Perfluorodecanoic Acid (PFDA)	0.315	J	ng/l	1.81	0.275	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.81	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.81	0.586	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.81	0.235	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.81	0.887	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.81	0.728	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.81	0.337	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.81	0.296	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.81	0.224	1
PFOA/PFOS, Total	7.84	J	ng/l	1.81	0.214	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 RE Date Collected: 12/10/20 08:15

Client ID: TMW-116 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	82		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	72		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	200		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	71		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	80		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	134		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	78		40-144
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	45		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43		33-143

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 RE
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 14:38
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.81	0.525	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53		1-87

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22
Client ID: TMW-119
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 07:35
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22 Date Collected: 12/10/20 08:30

Client ID: TMW-119 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	61		41-149

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22
Client ID: TMW-119
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 03:49
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.05	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.58		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.23		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.31		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.31		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.39		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.13		ug/l	0.10	0.01	1
Chrysene	0.29		ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	0.10		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.19		ug/l	0.10	0.01	1
Fluorene	0.06	J	ug/l	0.10	0.01	1
Phenanthrene	0.38		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.21		ug/l	0.10	0.01	1
Pyrene	0.51		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22 Date Collected: 12/10/20 08:30

Client ID: TMW-119 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	70		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23
Client ID: TMW-104
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 03:40
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23 Date Collected: 12/10/20 09:10

Client ID: TMW-104 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	92		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23
Client ID: TMW-104
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 02:51
Analyst: DV

Date Collected: 12/10/20 09:10
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.36		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.12		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.09	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23 Date Collected: 12/10/20 09:10

Client ID: TMW-104 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	102		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	114		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:00
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 04:06
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24 Date Collected: 12/10/20 09:00

Client ID: CHA-1 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	103		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 03:11
Analyst: DV

Date Collected: 12/10/20 09:00
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.48		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.20		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.15		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.04	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.06	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.14		ug/l	0.10	0.01	1
Phenanthrene	0.26		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.18		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24 Date Collected: 12/10/20 09:00

Client ID: CHA-1 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	104		15-120
2,4,6-Tribromophenol	115		10-120
4-Terphenyl-d14	119		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 08:28
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	1.1	J	ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	8.1		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25 Date Collected: 12/10/20 09:40

Client ID: TMW-134 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	7.9		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	95		41-149

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 02:32
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/15/20 20:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	59		15-110

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 17:41
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	12		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	25		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	15		ug/l	0.10	0.05	1
Benzo(a)anthracene	10		ug/l	0.10	0.02	1
Benzo(a)pyrene	8.5		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	9.6		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	2.8		ug/l	0.10	0.01	1
Chrysene	7.3		ug/l	0.10	0.01	1
Acenaphthylene	0.12		ug/l	0.10	0.01	1
Anthracene	10		ug/l	0.10	0.01	1
Benzo(ghi)perylene	4.4		ug/l	0.10	0.01	1
Fluorene	10		ug/l	0.10	0.01	1
Phenanthrene	40		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.98		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	4.5		ug/l	0.10	0.01	1
Pyrene	21		ug/l	0.10	0.02	1
2-Methylnaphthalene	4.8		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25 Date Collected: 12/10/20 09:40

Client ID: TMW-134 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	82		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 06:20
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.71		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	3.17		ng/l	1.86	0.369	1
Perfluorobutanesulfonic Acid (PFBS)	2.06		ng/l	1.86	0.222	1
Perfluorohexanoic Acid (PFHxA)	3.26		ng/l	1.86	0.306	1
Perfluoroheptanoic Acid (PFHpA)	1.46	J	ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	0.787	J	ng/l	1.86	0.351	1
Perfluorooctanoic Acid (PFOA)	2.90	F	ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	9.71	B	ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.642	1
Perfluorononanoic Acid (PFNA)	0.668	J	ng/l	1.86	0.291	1
Perfluorooctanesulfonic Acid (PFOS)	4.33	F	ng/l	1.86	0.470	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.284	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.604	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.914	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.541	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.750	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.347	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.305	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.231	1
PFOA/PFOS, Total	7.23		ng/l	1.86	0.220	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25 Date Collected: 12/10/20 09:40

Client ID: TMW-134 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**354**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	95		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**344**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	116		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	71		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	55		33-143

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25 RE
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 12:29
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.04		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	3.67		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	2.59		ng/l	1.84	0.220	1
Perfluorohexanoic Acid (PFHxA)	3.66		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	1.59	J	ng/l	1.84	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	0.627	J	ng/l	1.84	0.347	1
Perfluorooctanoic Acid (PFOA)	3.01	F	ng/l	1.84	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	13.4	F	ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.634	1
Perfluorononanoic Acid (PFNA)	0.719	J	ng/l	1.84	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	5.00	F	ng/l	1.84	0.465	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.598	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.904	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.535	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.742	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.302	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.229	1
PFOA/PFOS, Total	8.01		ng/l	1.84	0.218	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25 RE Date Collected: 12/10/20 09:40

Client ID: TMW-134 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	84		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	75		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	84		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**276**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**223**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	15		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	74		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	44		33-143

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26
Client ID: TMW-112
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 03:14
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26 Date Collected: 12/10/20 10:30

Client ID: TMW-112 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	94		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26
Client ID: TMW-112
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 03:30
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	3.3		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.41		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.44		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.14		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.11		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.13		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Chrysene	0.14		ug/l	0.10	0.01	1
Acenaphthylene	1.0		ug/l	0.10	0.01	1
Anthracene	0.55		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.08	J	ug/l	0.10	0.01	1
Fluorene	5.3		ug/l	0.10	0.01	1
Phenanthrene	5.0		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.08	J	ug/l	0.10	0.01	1
Pyrene	0.83		ug/l	0.10	0.02	1
2-Methylnaphthalene	6.1		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26 Date Collected: 12/10/20 10:30

Client ID: TMW-112 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	114		10-120
4-Terphenyl-d14	101		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 02:22
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 Date Collected: 12/10/20 11:10

Client ID: TMW-133 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	75		41-149

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/20 22:49
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/15/20 20:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	145.	J	ng/l	156	35.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	64		15-110

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 18:02
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 Date Collected: 12/10/20 11:10

Client ID: TMW-133 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	71		41-149

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 06:36
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.58		ng/l	1.89	0.386	1
Perfluoropentanoic Acid (PFPeA)	10.7		ng/l	1.89	0.375	1
Perfluorobutanesulfonic Acid (PFBS)	1.45	J	ng/l	1.89	0.225	1
Perfluorohexanoic Acid (PFHxA)	12.3		ng/l	1.89	0.311	1
Perfluoroheptanoic Acid (PFHpA)	2.53		ng/l	1.89	0.213	1
Perfluorohexanesulfonic Acid (PFHxS)	0.489	J	ng/l	1.89	0.356	1
Perfluorooctanoic Acid (PFOA)	3.29	F	ng/l	1.89	0.223	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	84.5	F	ng/l	1.89	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.89	0.652	1
Perfluorononanoic Acid (PFNA)	0.784	J	ng/l	1.89	0.295	1
Perfluorooctanesulfonic Acid (PFOS)	3.51	F	ng/l	1.89	0.477	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.89	0.288	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.89	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.89	0.614	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.89	0.246	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.89	0.928	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.89	0.549	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.41	J	ng/l	1.89	0.761	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.89	0.352	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.89	0.310	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.89	0.235	1
PFOA/PFOS, Total	6.80		ng/l	1.89	0.223	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 Date Collected: 12/10/20 11:10

Client ID: TMW-133 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**270**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**215**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	110		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	52		33-143

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 RE
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 12:45
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.62		ng/l	1.89	0.386	1
Perfluoropentanoic Acid (PFPeA)	10.6		ng/l	1.89	0.374	1
Perfluorobutanesulfonic Acid (PFBS)	1.51	J	ng/l	1.89	0.225	1
Perfluorohexanoic Acid (PFHxA)	9.86		ng/l	1.89	0.310	1
Perfluoroheptanoic Acid (PFHpA)	2.44		ng/l	1.89	0.213	1
Perfluorohexanesulfonic Acid (PFHxS)	0.492	J	ng/l	1.89	0.355	1
Perfluorooctanoic Acid (PFOA)	3.28	F	ng/l	1.89	0.223	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	65.2	F	ng/l	1.89	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.89	0.650	1
Perfluorononanoic Acid (PFNA)	0.575	J	ng/l	1.89	0.295	1
Perfluorooctanesulfonic Acid (PFOS)	4.90	F	ng/l	1.89	0.476	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.89	0.287	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.89	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.89	0.612	1
Perfluoroundecanoic Acid (PFUnA)	0.378	J	ng/l	1.89	0.246	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.89	0.926	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.89	0.548	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.911	J	ng/l	1.89	0.760	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.89	0.352	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.89	0.309	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.89	0.234	1
PFOA/PFOS, Total	8.18		ng/l	1.89	0.223	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 RE Date Collected: 12/10/20 11:10

Client ID: TMW-133 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	86		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	86		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	229		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	79		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**194**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	84		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	44		33-143

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28
Client ID: TMW-101
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 05:51
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28 Date Collected: 12/10/20 11:40

Client ID: TMW-101 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	72		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28
Client ID: TMW-101
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 18:23
Analyst: DV

Date Collected: 12/10/20 11:40
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.10	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.31		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.64		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.18		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.16		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.19		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.07	J	ug/l	0.10	0.01	1
Chrysene	0.13		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.06	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.08	J	ug/l	0.10	0.01	1
Fluorene	0.05	J	ug/l	0.10	0.01	1
Phenanthrene	0.25		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.09	J	ug/l	0.10	0.01	1
Pyrene	0.28		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-28	Date Collected:	12/10/20 11:40
Client ID:	TMW-101	Date Received:	12/11/20
Sample Location:	SYRACUSE, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	64		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29
Client ID: MW-5A
Sample Location: SYRACUSE, NY

Date Collected: 12/11/20 13:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 00:11
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29 Date Collected: 12/11/20 13:10

Client ID: MW-5A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	71		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29
Client ID: MW-5A
Sample Location: SYRACUSE, NY

Date Collected: 12/11/20 13:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 14:51
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.07	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.07	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.07	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29 Date Collected: 12/11/20 13:10

Client ID: MW-5A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	72		41-149

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 02:48
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 Date Collected: 12/10/20 13:45

Client ID: MW-6A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	96		41-149

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/20 23:16
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/15/20 20:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	2180		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	50		15-110

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 18:44
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 Date Collected: 12/10/20 13:45

Client ID: MW-6A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	90		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 06:53
Analyst: SG

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	17.2		ng/l	1.87	0.382	1
Perfluoropentanoic Acid (PFPeA)	51.6		ng/l	1.87	0.371	1
Perfluorobutanesulfonic Acid (PFBS)	4.37		ng/l	1.87	0.223	1
Perfluorohexanoic Acid (PFHxA)	44.8		ng/l	1.87	0.307	1
Perfluoroheptanoic Acid (PFHpA)	17.9		ng/l	1.87	0.211	1
Perfluorohexanesulfonic Acid (PFHxS)	5.99		ng/l	1.87	0.352	1
Perfluorooctanoic Acid (PFOA)	45.0	F	ng/l	1.87	0.221	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	52.8	F	ng/l	1.87	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	3.72		ng/l	1.87	0.644	1
Perfluorononanoic Acid (PFNA)	7.94		ng/l	1.87	0.292	1
Perfluorooctanesulfonic Acid (PFOS)	130	F	ng/l	1.87	0.472	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.87	0.285	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.87	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.87	0.607	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.87	0.243	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.87	0.918	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.87	0.543	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.87	0.753	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.87	0.348	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.87	0.306	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.87	0.232	1
PFOA/PFOS, Total	175		ng/l	1.87	0.221	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 Date Collected: 12/10/20 13:45

Client ID: MW-6A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	85		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**285**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**276**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	94		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	77		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	84		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	54		33-143

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 RE
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 13:02
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	15.6		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	53.4		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	4.25		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	46.2		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	18.6		ng/l	1.84	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	5.78		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	47.1	F	ng/l	1.84	0.217	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	54.9	F	ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	4.06		ng/l	1.84	0.634	1
Perfluorononanoic Acid (PFNA)	8.28		ng/l	1.84	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	131	F	ng/l	1.84	0.464	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.597	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.903	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.534	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.741	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.302	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.228	1
PFOA/PFOS, Total	178		ng/l	1.84	0.217	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-30	RE	Date Collected:	12/10/20 13:45
Client ID:	MW-6A		Date Received:	12/11/20
Sample Location:	SYRACUSE, NY		Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	70		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**279**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**233**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	78		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	45		33-143

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 06:43
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31 Date Collected: 12/10/20 14:25

Client ID: MW-7A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	15.		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	97		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 19:06
Analyst: DV

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31 Date Collected: 12/10/20 14:25

Client ID: MW-7A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	81		41-149

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-32
Client ID: TRIP BLANK
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 07:10
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.85	0.378	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.85	0.367	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.85	0.220	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.85	0.304	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.85	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.85	0.348	1
Perfluorooctanoic Acid (PFOA)	0.393	J	ng/l	1.85	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.85	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.85	0.637	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.85	0.289	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.85	0.467	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.85	0.282	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.85	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.85	0.600	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.85	0.241	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.85	0.908	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.85	0.537	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.745	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.344	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.85	0.303	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.85	0.230	1
PFOA/PFOS, Total	0.393	J	ng/l	1.85	0.218	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-32 Date Collected: 12/10/20 14:45

Client ID: TRIP BLANK Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	117		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	101		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	122		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	83		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	34		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		33-143

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33
Client ID: SOIL-SB-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 15:45
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 13:47
Analyst: SZ
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33 Date Collected: 12/10/20 15:45

Client ID: SOIL-SB-134 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33 Date Collected: 12/10/20 15:45

Client ID: SOIL-SB-134 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	52		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/20 15:00
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/15/20 20:30

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 21,25,27,30 Batch: WG1445527-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	56		15-110

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/16/20 21:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-28,30-31 Batch: WG1445792-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/16/20 21:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-28,30-31 Batch: WG1445792-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	83		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/17/20 23:18
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 21-28,30-31 Batch: WG1445794-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/17/20 23:18
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 21-28,30-31 Batch: WG1445794-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	110		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/18/20 08:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 29 Batch: WG1446298-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/18/20 08:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 29 Batch: WG1446298-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	88		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 09:34
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 29 Batch: WG1446301-1					
Acenaphthene	0.04	J	ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.04	J	ug/l	0.10	0.01
Phenanthrene	0.04	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	0.13	J	ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 09:34
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 29 Batch: WG1446301-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	111		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/19/20 18:59
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09,11-20,33 Batch: WG1446971-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/19/20 18:59
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09,11-20,33 Batch: WG1446971-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/19/20 18:59
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09,11-20,33 Batch: WG1446971-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	74		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/20/20 19:35
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 12/19/20 22:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1447257-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/20/20 19:35
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 12/19/20 22:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1447257-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/20/20 19:35
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 12/19/20 22:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1447257-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	109		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/20/20 21:41
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 03,07,10,13 Batch: WG1447322-1					
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.500	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.500	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.500	0.061
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.500	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.500	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.500	0.130
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.500	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.500	0.054
PFOA/PFOS, Total	ND		ug/kg	0.500	0.042

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/20/20 21:41
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 03,07,10,13 Batch: WG1447322-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	98		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	115		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	110		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	112		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	121		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	103		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	108		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	103		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	128		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	84		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	112		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		26-160

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 15:59
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 03,07,10,13 Batch: WG1447322-1					
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	99		1-125

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 20:35
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/21/20 09:52

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 15,19 Batch: WG1447583-1					
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.500	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.500	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.500	0.061
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.500	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.500	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.500	0.130
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.500	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.500	0.054
PFOA/PFOS, Total	ND		ug/kg	0.500	0.042

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 20:35
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/21/20 09:52

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 15,19 Batch: WG1447583-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	86		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	95		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	96		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	9		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	96		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		26-160

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 05:14
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21,25,27,30,32 Batch: WG1448033-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	1.82	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.77	F	ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	8.35	F	ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 05:14
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21,25,27,30,32 Batch: WG1448033-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	114		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	113		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	123		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	78		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	33		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	70		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		33-143

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 10:15
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21,25,27,30 Batch: WG1449533-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	1.88	J	ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 10:15
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21,25,27,30 Batch: WG1449533-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	86		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	112		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	31		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	57		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	51		33-143

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 14:17
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21,25,27,30 Batch: WG1449533-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	61		1-87

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 21,25,27,30 Batch: WG1445527-2 WG1445527-3								
1,4-Dioxane	108		113		40-140	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	52		56		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-28,30-31 Batch: WG1445792-2 WG1445792-3								
Bis(2-chloroethyl)ether	68		67		40-140	1		30
3,3'-Dichlorobenzidine	64		69		40-140	8		30
2,4-Dinitrotoluene	80		81		48-143	1		30
2,6-Dinitrotoluene	84		88		40-140	5		30
4-Chlorophenyl phenyl ether	74		73		40-140	1		30
4-Bromophenyl phenyl ether	76		78		40-140	3		30
Bis(2-chloroisopropyl)ether	72		72		40-140	0		30
Bis(2-chloroethoxy)methane	70		71		40-140	1		30
Hexachlorocyclopentadiene	77		79		40-140	3		30
Isophorone	70		72		40-140	3		30
Nitrobenzene	78		74		40-140	5		30
NDPA/DPA	77		77		40-140	0		30
n-Nitrosodi-n-propylamine	75		74		29-132	1		30
Bis(2-ethylhexyl)phthalate	73		78		40-140	7		30
Butyl benzyl phthalate	81		82		40-140	1		30
Di-n-butylphthalate	71		73		40-140	3		30
Di-n-octylphthalate	74		79		40-140	7		30
Diethyl phthalate	71		74		40-140	4		30
Dimethyl phthalate	83		85		40-140	2		30
Biphenyl	82		84		40-140	2		30
4-Chloroaniline	74		58		40-140	24		30
2-Nitroaniline	85		87		52-143	2		30
3-Nitroaniline	66		70		25-145	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-28,30-31 Batch: WG1445792-2 WG1445792-3								
4-Nitroaniline	71		72		51-143	1		30
Dibenzofuran	74		74		40-140	0		30
1,2,4,5-Tetrachlorobenzene	78		80		2-134	3		30
Acetophenone	70		72		39-129	3		30
2,4,6-Trichlorophenol	88		92		30-130	4		30
p-Chloro-m-cresol	82		84		23-97	2		30
2-Chlorophenol	74		74		27-123	0		30
2,4-Dichlorophenol	85		87		30-130	2		30
2,4-Dimethylphenol	74		72		30-130	3		30
2-Nitrophenol	98		97		30-130	1		30
4-Nitrophenol	68		71		10-80	4		30
2,4-Dinitrophenol	96		100		20-130	4		30
4,6-Dinitro-o-cresol	92		92		20-164	0		30
Phenol	55		55		12-110	0		30
2-Methylphenol	71		70		30-130	1		30
3-Methylphenol/4-Methylphenol	77		79		30-130	3		30
2,4,5-Trichlorophenol	91		92		30-130	1		30
Carbazole	77		79		55-144	3		30
Atrazine	93		97		40-140	4		30
Benzaldehyde	67		67		40-140	0		30
Caprolactam	42		45		10-130	7		30
2,3,4,6-Tetrachlorophenol	78		80		40-140	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-28,30-31 Batch: WG1445792-2 WG1445792-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		58		21-120
Phenol-d6	52		52		10-120
Nitrobenzene-d5	76		76		23-120
2-Fluorobiphenyl	82		84		15-120
2,4,6-Tribromophenol	**121**	Q	118		10-120
4-Terphenyl-d14	78		79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 21-28,30-31 Batch: WG1445794-2 WG1445794-3								
Acenaphthene	72		73		40-140	1		40
2-Chloronaphthalene	86		90		40-140	5		40
Fluoranthene	97		98		40-140	1		40
Hexachlorobutadiene	86		89		40-140	3		40
Naphthalene	73		80		40-140	9		40
Benzo(a)anthracene	89		89		40-140	0		40
Benzo(a)pyrene	107		107		40-140	0		40
Benzo(b)fluoranthene	87		93		40-140	7		40
Benzo(k)fluoranthene	99		94		40-140	5		40
Chrysene	84		84		40-140	0		40
Acenaphthylene	92		94		40-140	2		40
Anthracene	88		86		40-140	2		40
Benzo(ghi)perylene	90		87		40-140	3		40
Fluorene	85		85		40-140	0		40
Phenanthrene	80		79		40-140	1		40
Dibenzo(a,h)anthracene	100		94		40-140	6		40
Indeno(1,2,3-cd)pyrene	95		93		40-140	2		40
Pyrene	98		99		40-140	1		40
2-Methylnaphthalene	82		87		40-140	6		40
Pentachlorophenol	123		123		40-140	0		40
Hexachlorobenzene	85		84		40-140	1		40
Hexachloroethane	73		75		40-140	3		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 21-28,30-31 Batch: WG1445794-2 WG1445794-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		57		21-120
Phenol-d6	49		53		10-120
Nitrobenzene-d5	91		97		23-120
2-Fluorobiphenyl	89		92		15-120
2,4,6-Tribromophenol	96		97		10-120
4-Terphenyl-d14	101		99		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 Batch: WG1446298-2 WG1446298-3								
Bis(2-chloroethyl)ether	89		78		40-140	13		30
3,3'-Dichlorobenzidine	77		61		40-140	23		30
2,4-Dinitrotoluene	94		90		48-143	4		30
2,6-Dinitrotoluene	93		89		40-140	4		30
4-Chlorophenyl phenyl ether	86		80		40-140	7		30
4-Bromophenyl phenyl ether	87		81		40-140	7		30
Bis(2-chloroisopropyl)ether	83		73		40-140	13		30
Bis(2-chloroethoxy)methane	91		85		40-140	7		30
Hexachlorocyclopentadiene	67		58		40-140	14		30
Isophorone	93		87		40-140	7		30
Nitrobenzene	91		82		40-140	10		30
NDPA/DPA	95		90		40-140	5		30
n-Nitrosodi-n-propylamine	94		85		29-132	10		30
Bis(2-ethylhexyl)phthalate	107		110		40-140	3		30
Butyl benzyl phthalate	109		108		40-140	1		30
Di-n-butylphthalate	103		99		40-140	4		30
Di-n-octylphthalate	101		103		40-140	2		30
Diethyl phthalate	97		93		40-140	4		30
Dimethyl phthalate	97		96		40-140	1		30
Biphenyl	89		84		40-140	6		30
4-Chloroaniline	81		72		40-140	12		30
2-Nitroaniline	100		97		52-143	3		30
3-Nitroaniline	88		72		25-145	20		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 Batch: WG1446298-2 WG1446298-3								
4-Nitroaniline	100		90		51-143	11		30
Dibenzofuran	87		81		40-140	7		30
1,2,4,5-Tetrachlorobenzene	75		68		2-134	10		30
Acetophenone	90		82		39-129	9		30
2,4,6-Trichlorophenol	89		84		30-130	6		30
p-Chloro-m-cresol	**101**	Q	94		23-97	7		30
2-Chlorophenol	89		79		27-123	12		30
2,4-Dichlorophenol	89		88		30-130	1		30
2,4-Dimethylphenol	93		85		30-130	9		30
2-Nitrophenol	92		86		30-130	7		30
4-Nitrophenol	**89**	Q	**85**	Q	10-80	5		30
2,4-Dinitrophenol	87		72		20-130	19		30
4,6-Dinitro-o-cresol	90		83		20-164	8		30
Phenol	67		59		12-110	13		30
2-Methylphenol	90		81		30-130	11		30
3-Methylphenol/4-Methylphenol	100		90		30-130	11		30
2,4,5-Trichlorophenol	91		88		30-130	3		30
Carbazole	100		94		55-144	6		30
Atrazine	109		105		40-140	4		30
Benzaldehyde	84		70		40-140	18		30
Caprolactam	49		45		10-130	9		30
2,3,4,6-Tetrachlorophenol	89		84		40-140	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 Batch: WG1446298-2 WG1446298-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		65		21-120
Phenol-d6	60		53		10-120
Nitrobenzene-d5	88		78		23-120
2-Fluorobiphenyl	75		71		15-120
2,4,6-Tribromophenol	110		105		10-120
4-Terphenyl-d14	92		86		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 29 Batch: WG1446301-2 WG1446301-3								
Acenaphthene	82		72		40-140	13		40
2-Chloronaphthalene	98		89		40-140	10		40
Fluoranthene	109		97		40-140	12		40
Hexachlorobutadiene	89		86		40-140	3		40
Naphthalene	83		74		40-140	11		40
Benzo(a)anthracene	104		93		40-140	11		40
Benzo(a)pyrene	124		110		40-140	12		40
Benzo(b)fluoranthene	102		92		40-140	10		40
Benzo(k)fluoranthene	114		98		40-140	15		40
Chrysene	96		84		40-140	13		40
Acenaphthylene	104		95		40-140	9		40
Anthracene	101		88		40-140	14		40
Benzo(ghi)perylene	105		95		40-140	10		40
Fluorene	96		84		40-140	13		40
Phenanthrene	91		80		40-140	13		40
Dibenzo(a,h)anthracene	119		105		40-140	13		40
Indeno(1,2,3-cd)pyrene	113		102		40-140	10		40
Pyrene	109		97		40-140	12		40
2-Methylnaphthalene	94		84		40-140	11		40
Pentachlorophenol	**144**	Q	114		40-140	23		40
Hexachlorobenzene	96		84		40-140	13		40
Hexachloroethane	77		72		40-140	7		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 29 Batch: WG1446301-2 WG1446301-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		57		21-120
Phenol-d6	53		48		10-120
Nitrobenzene-d5	107		95		23-120
2-Fluorobiphenyl	98		90		15-120
2,4,6-Tribromophenol	**147**	Q	**131**	Q	10-120
4-Terphenyl-d14	114		101		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 Batch: WG1446971-2 WG1446971-3								
Acenaphthene	73		71		31-137	3		50
1,2,4-Trichlorobenzene	85		85		38-107	0		50
Hexachlorobenzene	69		69		40-140	0		50
Bis(2-chloroethyl)ether	84		82		40-140	2		50
2-Chloronaphthalene	78		78		40-140	0		50
1,2-Dichlorobenzene	80		78		40-140	3		50
1,3-Dichlorobenzene	80		78		40-140	3		50
1,4-Dichlorobenzene	80		81		28-104	1		50
3,3'-Dichlorobenzidine	55		56		40-140	2		50
2,4-Dinitrotoluene	82		78		40-132	5		50
2,6-Dinitrotoluene	84		84		40-140	0		50
Fluoranthene	75		74		40-140	1		50
4-Chlorophenyl phenyl ether	72		70		40-140	3		50
4-Bromophenyl phenyl ether	70		69		40-140	1		50
Bis(2-chloroisopropyl)ether	76		73		40-140	4		50
Bis(2-chloroethoxy)methane	84		82		40-117	2		50
Hexachlorobutadiene	72		72		40-140	0		50
Hexachlorocyclopentadiene	75		75		40-140	0		50
Hexachloroethane	78		77		40-140	1		50
Isophorone	81		80		40-140	1		50
Naphthalene	76		75		40-140	1		50
Nitrobenzene	85		84		40-140	1		50
NDPA/DPA	72		70		36-157	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 Batch: WG1446971-2 WG1446971-3								
n-Nitrosodi-n-propylamine	82		81		32-121	1		50
Bis(2-ethylhexyl)phthalate	83		82		40-140	1		50
Butyl benzyl phthalate	81		79		40-140	3		50
Di-n-butylphthalate	79		76		40-140	4		50
Di-n-octylphthalate	84		83		40-140	1		50
Diethyl phthalate	72		70		40-140	3		50
Dimethyl phthalate	77		76		40-140	1		50
Benzo(a)anthracene	74		73		40-140	1		50
Benzo(a)pyrene	77		78		40-140	1		50
Benzo(b)fluoranthene	77		72		40-140	7		50
Benzo(k)fluoranthene	71		75		40-140	5		50
Chrysene	73		74		40-140	1		50
Acenaphthylene	76		77		40-140	1		50
Anthracene	77		75		40-140	3		50
Benzo(ghi)perylene	75		74		40-140	1		50
Fluorene	73		72		40-140	1		50
Phenanthrene	76		76		40-140	0		50
Dibenzo(a,h)anthracene	76		74		40-140	3		50
Indeno(1,2,3-cd)pyrene	78		77		40-140	1		50
Pyrene	74		72		35-142	3		50
Biphenyl	82		82		37-127	0		50
4-Chloroaniline	48		49		40-140	2		50
2-Nitroaniline	85		84		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 Batch: WG1446971-2 WG1446971-3								
3-Nitroaniline	51		53		26-129	4		50
4-Nitroaniline	72		72		41-125	0		50
Dibenzofuran	73		72		40-140	1		50
2-Methylnaphthalene	77		77		40-140	0		50
1,2,4,5-Tetrachlorobenzene	80		80		40-117	0		50
Acetophenone	92		90		14-144	2		50
2,4,6-Trichlorophenol	83		83		30-130	0		50
p-Chloro-m-cresol	81		80		26-103	1		50
2-Chlorophenol	90		90		25-102	0		50
2,4-Dichlorophenol	93		94		30-130	1		50
2,4-Dimethylphenol	89		87		30-130	2		50
2-Nitrophenol	99		99		30-130	0		50
4-Nitrophenol	86		83		11-114	4		50
2,4-Dinitrophenol	76		75		4-130	1		50
4,6-Dinitro-o-cresol	86		83		10-130	4		50
Pentachlorophenol	79		78		17-109	1		50
Phenol	84		82		26-90	2		50
2-Methylphenol	91		92		30-130.	1		50
3-Methylphenol/4-Methylphenol	93		92		30-130	1		50
2,4,5-Trichlorophenol	83		82		30-130	1		50
Benzoic Acid	64		69		10-110	8		50
Benzyl Alcohol	88		87		40-140	1		50
Carbazole	75		74		54-128	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 Batch: WG1446971-2 WG1446971-3								
Atrazine	91		87		40-140	4		50
Benzaldehyde	86		86		40-140	0		50
Caprolactam	89		86		15-130	3		50
2,3,4,6-Tetrachlorophenol	77		76		40-140	1		50
1,4-Dioxane	66		66		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		88		25-120
Phenol-d6	85		86		10-120
Nitrobenzene-d5	81		80		23-120
2-Fluorobiphenyl	75		74		30-120
2,4,6-Tribromophenol	73		73		10-136
4-Terphenyl-d14	73		72		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1447257-2 WG1447257-3								
Acenaphthene	90		86		31-137	5		50
Hexachlorobenzene	107		102		40-140	5		50
Bis(2-chloroethyl)ether	94		91		40-140	3		50
2-Chloronaphthalene	91		86		40-140	6		50
3,3'-Dichlorobenzidine	80		80		40-140	0		50
2,4-Dinitrotoluene	94		90		40-132	4		50
2,6-Dinitrotoluene	96		88		40-140	9		50
Fluoranthene	94		88		40-140	7		50
4-Chlorophenyl phenyl ether	93		88		40-140	6		50
4-Bromophenyl phenyl ether	100		95		40-140	5		50
Bis(2-chloroisopropyl)ether	82		78		40-140	5		50
Bis(2-chloroethoxy)methane	92		87		40-117	6		50
Hexachlorobutadiene	95		90		40-140	5		50
Hexachlorocyclopentadiene	96		90		40-140	6		50
Hexachloroethane	85		82		40-140	4		50
Isophorone	87		84		40-140	4		50
Naphthalene	91		89		40-140	2		50
Nitrobenzene	86		83		40-140	4		50
NDPA/DPA	92		87		36-157	6		50
n-Nitrosodi-n-propylamine	90		86		32-121	5		50
Bis(2-ethylhexyl)phthalate	100		90		40-140	11		50
Butyl benzyl phthalate	96		91		40-140	5		50
Di-n-butylphthalate	100		93		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1447257-2 WG1447257-3								
Di-n-octylphthalate	96		88		40-140	9		50
Diethyl phthalate	90		84		40-140	7		50
Dimethyl phthalate	91		84		40-140	8		50
Benzo(a)anthracene	93		90		40-140	3		50
Benzo(a)pyrene	96		91		40-140	5		50
Benzo(b)fluoranthene	95		93		40-140	2		50
Benzo(k)fluoranthene	93		86		40-140	8		50
Chrysene	91		87		40-140	4		50
Acenaphthylene	96		91		40-140	5		50
Anthracene	97		93		40-140	4		50
Benzo(ghi)perylene	98		92		40-140	6		50
Fluorene	91		87		40-140	4		50
Phenanthrene	93		89		40-140	4		50
Dibenzo(a,h)anthracene	103		95		40-140	8		50
Indeno(1,2,3-cd)pyrene	102		89		40-140	14		50
Pyrene	93		91		35-142	2		50
Biphenyl	98		92		37-127	6		50
4-Chloroaniline	58		56		40-140	4		50
2-Nitroaniline	94		89		47-134	5		50
3-Nitroaniline	66		68		26-129	3		50
4-Nitroaniline	85		83		41-125	2		50
Dibenzofuran	91		87		40-140	4		50
2-Methylnaphthalene	92		87		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
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Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1447257-2 WG1447257-3								
1,2,4,5-Tetrachlorobenzene	108		102		40-117	6		50
Acetophenone	90		86		14-144	5		50
2,4,6-Trichlorophenol	100		94		30-130	6		50
p-Chloro-m-cresol	93		86		26-103	8		50
2-Chlorophenol	97		95		25-102	2		50
2,4-Dichlorophenol	96		91		30-130	5		50
2,4-Dimethylphenol	95		91		30-130	4		50
2-Nitrophenol	96		91		30-130	5		50
4-Nitrophenol	84		81		11-114	4		50
2,4-Dinitrophenol	90		88		4-130	2		50
4,6-Dinitro-o-cresol	95		89		10-130	7		50
Pentachlorophenol	100		94		17-109	6		50
Phenol	**92**	Q	90		26-90	2		50
2-Methylphenol	95		91		30-130.	4		50
3-Methylphenol/4-Methylphenol	92		89		30-130	3		50
2,4,5-Trichlorophenol	100		94		30-130	6		50
Carbazole	95		91		54-128	4		50
Atrazine	108		101		40-140	7		50
Benzaldehyde	88		87		40-140	1		50
Caprolactam	88		84		15-130	5		50
2,3,4,6-Tetrachlorophenol	92		89		40-140	3		50
1,4-Dioxane	64		65		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

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Lab Number: L2054538

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1447257-2 WG1447257-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	106		102		25-120
Phenol-d6	99		96		10-120
Nitrobenzene-d5	91		87		23-120
2-Fluorobiphenyl	100		93		30-120
2,4,6-Tribromophenol	116		108		10-136
4-Terphenyl-d14	109		104		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

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Lab Number: L2054538

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 Batch: WG1447322-2 WG1447322-3								
Perfluorobutanoic Acid (PFBA)	108		109		71-135	1		30
Perfluoropentanoic Acid (PFPeA)	116		116		69-132	0		30
Perfluorobutanesulfonic Acid (PFBS)	119		115		72-128	3		30
Perfluorohexanoic Acid (PFHxA)	112		113		70-132	1		30
Perfluoroheptanoic Acid (PFHpA)	106		106		71-131	0		30
Perfluorohexanesulfonic Acid (PFHxS)	113		108		67-130	5		30
Perfluorooctanoic Acid (PFOA)	109		108		69-133	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	133		119		64-140	11		30
Perfluoroheptanesulfonic Acid (PFHpS)	118		114		70-132	3		30
Perfluorononanoic Acid (PFNA)	106		109		72-129	3		30
Perfluorooctanesulfonic Acid (PFOS)	120		124		68-136	3		30
Perfluorodecanoic Acid (PFDA)	111		114		69-133	3		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	134		134		65-137	0		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	102		96		63-144	6		30
Perfluoroundecanoic Acid (PFUnA)	114		111		64-136	3		30
Perfluorodecanesulfonic Acid (PFDS)	125		131		59-134	5		30
Perfluorooctanesulfonamide (FOSA)	98		102		67-137	4		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		111		61-139	2		30
Perfluorododecanoic Acid (PFDoA)	111		112		69-135	1		30
Perfluorotridecanoic Acid (PFTrDA)	110		109		66-139	1		30
Perfluorotetradecanoic Acid (PFTA)	**142**	Q	**144**	Q	69-133	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 Batch: WG1447322-2 WG1447322-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		97		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		114		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109		109		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		105		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	110		112		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	117		117		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		103		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		106		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		106		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		100		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		103		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	113		116		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	91		88		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	110		114		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		17		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	80		80		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	109		111		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		76		26-160

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 Batch: WG1447322-2 WG1447322-3								
Perfluorooctanesulfonamide (FOSA)	106		105		67-137	1		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	92		90		1-125

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Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 15,19 Batch: WG1447583-2 WG1447583-3								
Perfluorobutanoic Acid (PFBA)	108		111		71-135	3		30
Perfluoropentanoic Acid (PFPeA)	114		116		69-132	2		30
Perfluorobutanesulfonic Acid (PFBS)	113		121		72-128	7		30
Perfluorohexanoic Acid (PFHxA)	110		111		70-132	1		30
Perfluoroheptanoic Acid (PFHpA)	104		107		71-131	3		30
Perfluorohexanesulfonic Acid (PFHxS)	111		113		67-130	2		30
Perfluorooctanoic Acid (PFOA)	107		108		69-133	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	127		127		64-140	0		30
Perfluoroheptanesulfonic Acid (PFHpS)	114		124		70-132	8		30
Perfluorononanoic Acid (PFNA)	102		105		72-129	3		30
Perfluorooctanesulfonic Acid (PFOS)	118		128		68-136	8		30
Perfluorodecanoic Acid (PFDA)	107		113		69-133	5		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	134		132		65-137	2		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	97		102		63-144	5		30
Perfluoroundecanoic Acid (PFUnA)	112		115		64-136	3		30
Perfluorodecanesulfonic Acid (PFDS)	115		131		59-134	13		30
Perfluorooctanesulfonamide (FOSA)	101		109		67-137	8		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		106		61-139	2		30
Perfluorododecanoic Acid (PFDoA)	110		114		69-135	4		30
Perfluorotridecanoic Acid (PFTrDA)	102		109		66-139	7		30
Perfluorotetradecanoic Acid (PFTA)	**148**	Q	**148**	Q	69-133	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 15,19 Batch: WG1447583-2 WG1447583-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		88		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		96		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		91		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		93		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		101		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		102		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		91		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	96		88		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		96		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		84		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		91		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	103		104		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	75		75		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	97		98		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		14		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		65		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	92		95		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	56		62		26-160

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21,25,27,30,32 Batch: WG1448033-2 WG1448033-3								
Perfluorobutanoic Acid (PFBA)	107		109		67-148	2		30
Perfluoropentanoic Acid (PFPeA)	114		115		63-161	1		30
Perfluorobutanesulfonic Acid (PFBS)	113		115		65-157	2		30
Perfluorohexanoic Acid (PFHxA)	110		110		69-168	0		30
Perfluoroheptanoic Acid (PFHpA)	104		104		58-159	0		30
Perfluorohexanesulfonic Acid (PFHxS)	108		115		69-177	6		30
Perfluorooctanoic Acid (PFOA)	108		108		63-159	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	140		120		49-187	15		30
Perfluoroheptanesulfonic Acid (PFHpS)	119		123		61-179	3		30
Perfluorononanoic Acid (PFNA)	106		108		68-171	2		30
Perfluorooctanesulfonic Acid (PFOS)	122		120		52-151	2		30
Perfluorodecanoic Acid (PFDA)	109		109		63-171	0		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	173		139		56-173	22		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	95		96		60-166	1		30
Perfluoroundecanoic Acid (PFUnA)	109		110		60-153	1		30
Perfluorodecanesulfonic Acid (PFDS)	122		123		38-156	1		30
Perfluorooctanesulfonamide (FOSA)	105		105		46-170	0		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	117		116		45-170	1		30
Perfluorododecanoic Acid (PFDoA)	108		104		67-153	4		30
Perfluorotridecanoic Acid (PFTrDA)	106		108		48-158	2		30
Perfluorotetradecanoic Acid (PFTA)	144		144		59-182	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21,25,27,30,32 Batch: WG1448033-2 WG1448033-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		93		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	111		111		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		100		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		97		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		102		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		105		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		92		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	116		112		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		94		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89		88		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		89		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	129		121		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	89		78		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		91		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		27		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		68		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		95		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		65		33-143

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21,25,27,30 Batch: WG1449533-2 WG1449533-3								
Perfluorobutanoic Acid (PFBA)	117		114		67-148	3		30
Perfluoropentanoic Acid (PFPeA)	125		122		63-161	2		30
Perfluorobutanesulfonic Acid (PFBS)	121		117		65-157	3		30
Perfluorohexanoic Acid (PFHxA)	118		115		69-168	3		30
Perfluoroheptanoic Acid (PFHpA)	111		108		58-159	3		30
Perfluorohexanesulfonic Acid (PFHxS)	122		117		69-177	4		30
Perfluorooctanoic Acid (PFOA)	115		115		63-159	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	125		122		49-187	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	122		117		61-179	4		30
Perfluorononanoic Acid (PFNA)	126		114		68-171	10		30
Perfluorooctanesulfonic Acid (PFOS)	132		124		52-151	6		30
Perfluorodecanoic Acid (PFDA)	119		112		63-171	6		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	132		145		56-173	9		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		99		60-166	1		30
Perfluoroundecanoic Acid (PFUnA)	117		113		60-153	3		30
Perfluorodecanesulfonic Acid (PFDS)	124		125		38-156	1		30
Perfluorooctanesulfonamide (FOSA)	101		106		46-170	5		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	123		111		45-170	10		30
Perfluorododecanoic Acid (PFDoA)	113		112		67-153	1		30
Perfluorotridecanoic Acid (PFTrDA)	109		105		48-158	4		30
Perfluorotetradecanoic Acid (PFTA)	154		154		59-182	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21,25,27,30 Batch: WG1449533-2 WG1449533-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		87		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	102		103		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		94		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		93		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		100		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		103		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		87		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98		105		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		88		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	85		88		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		85		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	107		105		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74		74		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		94		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		33		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	59		65		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		92		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	56		56		33-143

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21,25,27,30 Batch: WG1449533-2 WG1449533-3								
Perfluorooctanesulfonamide (FOSA)	106		106		46-170	5		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57		56		1-87

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-28,30-31 QC Batch ID: WG1445792-4 WG1445792-5 QC Sample: L2054538-28 Client ID: TMW-101												
Bis(2-chloroethyl)ether	ND	18.2	12	66		12	66		40-140	0		30
3,3'-Dichlorobenzidine	ND	18.2	ND	**0**	Q	ND	**0**	Q	40-140	NC		30
2,4-Dinitrotoluene	ND	18.2	14	77		16	88		48-143	13		30
2,6-Dinitrotoluene	ND	18.2	15	83		15	83		40-140	0		30
4-Chlorophenyl phenyl ether	ND	18.2	14	77		14	77		40-140	0		30
4-Bromophenyl phenyl ether	ND	18.2	14	77		14	77		40-140	0		30
Bis(2-chloroisopropyl)ether	ND	18.2	13	72		12	66		40-140	8		30
Bis(2-chloroethoxy)methane	ND	18.2	13	72		13	72		40-140	0		30
Hexachlorocyclopentadiene	ND	18.2	13.J	72		12.J	66		40-140	8		30
Isophorone	ND	18.2	13	72		13	72		40-140	0		30
Nitrobenzene	ND	18.2	14	77		14	77		40-140	0		30
NDPA/DPA	ND	18.2	13	72		14	77		40-140	7		30
n-Nitrosodi-n-propylamine	ND	18.2	13	72		14	77		29-132	7		30
Bis(2-ethylhexyl)phthalate	ND	18.2	14	77		14	77		40-140	0		30
Butyl benzyl phthalate	ND	18.2	18	99		18	99		40-140	0		30
Di-n-butylphthalate	ND	18.2	16	88		16	88		40-140	0		30
Di-n-octylphthalate	ND	18.2	14	77		14	77		40-140	0		30
Diethyl phthalate	ND	18.2	15	83		15	83		40-140	0		30
Dimethyl phthalate	ND	18.2	14	77		15	83		40-140	7		30
Biphenyl	ND	18.2	14	77		14	77		40-140	0		30
4-Chloroaniline	ND	18.2	5.7	**31**	Q	6.3	**35**	Q	40-140	10		30
2-Nitroaniline	ND	18.2	18	99		18	99		52-143	0		30
3-Nitroaniline	ND	18.2	8.8	48		10	55		25-145	13		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Client ID: TMW-101	Associated sample(s): 21-28,30-31			QC Batch ID: WG1445792-4		WG1445792-5		QC Sample: L2054538-28				
4-Nitroaniline	ND	18.2	12	66		13	72		51-143	8		30
Dibenzofuran	ND	18.2	13	72		14	77		40-140	7		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	13	72		13	72		2-134	0		30
Acetophenone	ND	18.2	12	66		12	66		39-129	0		30
2,4,6-Trichlorophenol	ND	18.2	14	77		15	83		30-130	7		30
p-Chloro-m-cresol	ND	18.2	15	83		15	83		23-97	0		30
2-Chlorophenol	ND	18.2	14	77		14	77		27-123	0		30
2,4-Dichlorophenol	ND	18.2	15	83		15	83		30-130	0		30
2,4-Dimethylphenol	ND	18.2	5.2	**29**	Q	5.1	**28**	Q	30-130	2		30
2-Nitrophenol	ND	18.2	16	88		17	94		30-130	6		30
4-Nitrophenol	ND	18.2	16	**88**	Q	16	**88**	Q	10-80	0		30
2,4-Dinitrophenol	ND	18.2	22	120		22	120		20-130	0		30
4,6-Dinitro-o-cresol	ND	18.2	18	99		20	110		20-164	11		30
Phenol	ND	18.2	11	61		11	61		12-110	0		30
2-Methylphenol	ND	18.2	11	61		12	66		30-130	9		30
3-Methylphenol/4-Methylphenol	ND	18.2	14	77		13	72		30-130	7		30
2,4,5-Trichlorophenol	ND	18.2	15	83		16	88		30-130	6		30
Carbazole	ND	18.2	15	83		15	83		55-144	0		30
Atrazine	ND	18.2	19	100		19	100		40-140	0		30
Benzaldehyde	ND	18.2	12	66		11	61		40-140	9		30
Caprolactam	ND	18.2	11	61		12	66		10-130	9		30
2,3,4,6-Tetrachlorophenol	ND	18.2	16	88		16	88		40-140	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-28,30-31 QC Batch ID: WG1445792-4 WG1445792-5 QC Sample: L2054538-28 Client ID: TMW-101												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	103		109		10-120
2-Fluorobiphenyl	67		69		15-120
2-Fluorophenol	67		67		21-120
4-Terphenyl-d14	74		74		41-149
Nitrobenzene-d5	70		68		23-120
Phenol-d6	60		61		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 21-28,30-31 QC Batch ID: WG1445794-4 WG1445794-5 QC Sample: L2054538-28 Client ID: TMW-101												
Acenaphthene	0.10J	18.2	13	72		13	72		40-140	0		40
2-Chloronaphthalene	ND	18.2	16	88		15	83		40-140	6		40
Fluoranthene	0.31	18.2	18	97		18	97		40-140	0		40
Hexachlorobutadiene	ND	18.2	14	77		13	72		40-140	7		40
Naphthalene	0.64	18.2	13	68		12	62		40-140	8		40
Benzo(a)anthracene	0.18	18.2	15	82		15	82		40-140	0		40
Benzo(a)pyrene	0.16	18.2	15	82		15	82		40-140	0		40
Benzo(b)fluoranthene	0.19	18.2	14	76		14	76		40-140	0		40
Benzo(k)fluoranthene	0.07J	18.2	15	83		15	83		40-140	0		40
Chrysene	0.13	18.2	14	76		14	76		40-140	0		40
Acenaphthylene	ND	18.2	17	94		17	94		40-140	0		40
Anthracene	0.06J	18.2	15	83		16	88		40-140	6		40
Benzo(ghi)perylene	0.08J	18.2	13	72		13	72		40-140	0		40
Fluorene	0.05J	18.2	15	83		15	83		40-140	0		40
Phenanthrene	0.25	18.2	14	76		14	76		40-140	0		40
Dibenzo(a,h)anthracene	0.02J	18.2	15	83		15	83		40-140	0		40
Indeno(1,2,3-cd)pyrene	0.09J	18.2	14	77		15	83		40-140	7		40
Pyrene	0.28	18.2	18	97		18	97		40-140	0		40
2-Methylnaphthalene	0.04J	18.2	14	77		14	77		40-140	0		40
Pentachlorophenol	ND	18.2	25	140		26	140		40-140	4		40
Hexachlorobenzene	ND	18.2	14	77		15	83		40-140	7		40
Hexachloroethane	ND	18.2	12	66		11	61		40-140	9		40

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 21-28,30-31 QC Batch ID: WG1445794-4 WG1445794-5 QC Sample: L2054538-28 Client ID: TMW-101												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	**135**	Q	**134**	Q	10-120
2-Fluorobiphenyl	85		81		15-120
2-Fluorophenol	59		52		21-120
4-Terphenyl-d14	94		93		41-149
Nitrobenzene-d5	87		78		23-120
Phenol-d6	59		54		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 QC Batch ID: WG1446971-4 WG1446971-5 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Acenaphthene	ND	1490	1000	67		960	66		31-137	4		50
Hexachlorobenzene	ND	1490	960	64		900	62		40-140	6		50
Bis(2-chloroethyl)ether	ND	1490	1200	80		1200	82		40-140	0		50
2-Chloronaphthalene	ND	1490	1100	74		1000	69		40-140	10		50
3,3'-Dichlorobenzidine	ND	1490	770	52		690	47		40-140	11		50
2,4-Dinitrotoluene	ND	1490	1100	74		1000	69		40-132	10		50
2,6-Dinitrotoluene	ND	1490	1200	80		1100	76		40-140	9		50
Fluoranthene	ND	1490	1000	67		1000	69		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1490	1000	67		930	64		40-140	7		50
4-Bromophenyl phenyl ether	ND	1490	980	66		900	62		40-140	9		50
Bis(2-chloroisopropyl)ether	ND	1490	1100	74		1000	69		40-140	10		50
Bis(2-chloroethoxy)methane	ND	1490	1200	80		1100	76		40-117	9		50
Hexachlorobutadiene	ND	1490	1000	67		1000	69		40-140	0		50
Hexachlorocyclopentadiene	ND	1490	930	62		830	57		40-140	11		50
Hexachloroethane	ND	1490	1100	74		1000	69		40-140	10		50
Isophorone	ND	1490	1200	80		1100	76		40-140	9		50
Naphthalene	ND	1490	1100	74		1000	69		40-140	10		50
Nitrobenzene	ND	1490	1200	80		1200	82		40-140	0		50
NDPA/DPA	ND	1490	990	66		930	64		36-157	6		50
n-Nitrosodi-n-propylamine	ND	1490	1200	80		1100	76		32-121	9		50
Bis(2-ethylhexyl)phthalate	ND	1490	1200	80		1100	76		40-140	9		50
Butyl benzyl phthalate	ND	1490	1100	74		1000	69		40-140	10		50
Di-n-butylphthalate	ND	1490	1000	67		1000	69		40-140	0		50

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 QC Batch ID: WG1446971-4 WG1446971-5 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Di-n-octylphthalate	ND	1490	1200	80		1100	76		40-140	9		50
Diethyl phthalate	ND	1490	990	66		920	63		40-140	7		50
Dimethyl phthalate	ND	1490	1100	74		1000	69		40-140	10		50
Benzo(a)anthracene	ND	1490	1000	67		980	67		40-140	2		50
Benzo(a)pyrene	ND	1490	1100	74		970	67		40-140	13		50
Benzo(b)fluoranthene	ND	1490	1000	67		990	68		40-140	1		50
Benzo(k)fluoranthene	ND	1490	1000	67		860	59		40-140	15		50
Chrysene	ND	1490	1000	67		940	65		40-140	6		50
Acenaphthylene	ND	1490	1100	74		1000	69		40-140	10		50
Anthracene	ND	1490	1000	67		980	67		40-140	2		50
Benzo(ghi)perylene	ND	1490	1000	67		930	64		40-140	7		50
Fluorene	ND	1490	1000	67		950	65		40-140	5		50
Phenanthrene	ND	1490	1000	67		1000	69		40-140	0		50
Dibenzo(a,h)anthracene	ND	1490	1000	67		930	64		40-140	7		50
Indeno(1,2,3-cd)pyrene	ND	1490	1100	74		960	66		40-140	14		50
Pyrene	ND	1490	1000	67		970	67		35-142	3		50
Biphenyl	ND	1490	1200	80		1100	76		37-127	9		50
4-Chloroaniline	ND	1490	640	43		620	43		40-140	3		50
2-Nitroaniline	ND	1490	1300	87		1200	82		47-134	8		50
3-Nitroaniline	ND	1490	830	56		800	55		26-129	4		50
4-Nitroaniline	ND	1490	1100	74		1000	69		41-125	10		50
Dibenzofuran	ND	1490	1000	67		960	66		40-140	4		50
2-Methylnaphthalene	ND	1490	1100	74		1000	69		40-140	10		50

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 QC Batch ID: WG1446971-4 WG1446971-5 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
1,2,4,5-Tetrachlorobenzene	ND	1490	1100	74		1100	76		40-117	0		50
Acetophenone	ND	1490	1400	94		1200	82		14-144	15		50
2,4,6-Trichlorophenol	ND	1490	1200	80		1100	76		30-130	9		50
p-Chloro-m-cresol	ND	1490	1200	80		1100	76		26-103	9		50
2-Chlorophenol	ND	1490	1300	87		1200	82		25-102	8		50
2,4-Dichlorophenol	ND	1490	1400	94		1200	82		30-130	15		50
2,4-Dimethylphenol	ND	1490	1300	87		1200	82		30-130	8		50
2-Nitrophenol	ND	1490	1400	94		1300	89		30-130	7		50
4-Nitrophenol	ND	1490	1100	74		1000	69		11-114	10		50
2,4-Dinitrophenol	ND	1490	350J	23		140J	10		4-130	**86**	Q	50
4,6-Dinitro-o-cresol	ND	1490	820	55		660	45		10-130	22		50
Pentachlorophenol	ND	1490	980	66		850	58		17-109	14		50
Phenol	ND	1490	1200	80		1100	76		26-90	9		50
2-Methylphenol	ND	1490	1300	87		1200	82		30-130.	8		50
3-Methylphenol/4-Methylphenol	ND	1490	1300	87		1200	82		30-130	8		50
2,4,5-Trichlorophenol	ND	1490	1200	80		1100	76		30-130	9		50
Carbazole	ND	1490	1000	67		960	66		54-128	4		50
Atrazine	ND	1490	1300	87		1200	82		40-140	8		50
Benzaldehyde	ND	1490	1300	87		1200	82		40-140	8		50
Caprolactam	ND	1490	1100	74		1000	69		15-130	10		50
2,3,4,6-Tetrachlorophenol	ND	1490	1000	67		950	65		40-140	5		50

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 QC Batch ID: WG1446971-4 WG1446971-5 QC Sample: L2054538-11 Client ID: SOIL-SB-120												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	68		62		10-136
2-Fluorobiphenyl	71		66		30-120
2-Fluorophenol	88		78		25-120
4-Terphenyl-d14	66		59		18-120
Nitrobenzene-d5	78		73		23-120
Phenol-d6	83		75		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 QC Batch ID: WG1447322-4 QC Sample: L2054538-03 Client ID: SOIL-SB-106												
Perfluorobutanoic Acid (PFBA)	ND	5.33	5.82	109		-	-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	ND	5.33	6.12	115		-	-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.73	5.40	114		-	-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	ND	5.33	5.92	111		-	-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.33	5.63	106		-	-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.87	5.55	114		-	-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	ND	5.33	5.89F	111		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.07	6.50F	128		-	-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.07	5.53	109		-	-		70-132	-		30
Perfluorononanoic Acid (PFNA)	ND	5.33	5.69	107		-	-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	4.94	5.94F	120		-	-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	ND	5.33	5.89	111		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.12	6.75F	132		-	-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.33	4.74F	89		-	-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.33	6.03	113		-	-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.14	6.44	125		-	-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	ND	5.33	5.58	105		-	-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.33	6.09	114		-	-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	ND	5.33	6.04	113		-	-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.33	5.83	109		-	-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	5.33	7.54	**141**	Q	-	-		69-133	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 QC Batch ID: WG1447322-4 QC Sample: L2054538-03 Client ID: SOIL-SB-106												

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	114				25-186
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98				32-182
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68				42-136
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	89				45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	105				64-158
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97				65-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100				61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106				62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110				63-166
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102				56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73				26-160
Perfluoro[13C4]Butanoic Acid (MPFBA)	96				60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	111				65-182
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	33				1-125
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100				65-151
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96				62-152
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	100				61-154
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104				70-151

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 QC Batch ID: WG1447322-5 QC Sample: L2054538-07
Client ID: SOIL-SB-113

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorobutanoic Acid (PFBA)	ND	ND	ug/kg	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ug/kg	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ug/kg	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ug/kg	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ug/kg	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ug/kg	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ug/kg	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ug/kg	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ug/kg	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ug/kg	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ug/kg	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ug/kg	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ug/kg	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ug/kg	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ug/kg	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ug/kg	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ug/kg	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ug/kg	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ug/kg	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ug/kg	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 QC Batch ID: WG1447322-5 QC Sample: L2054538-07 Client ID: SOIL-SB-113						
PFOA/PFOS, Total	ND	ND	ug/kg	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		66		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		84		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		105		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		81		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		92		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		113		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		84		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97		104		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		90		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		96		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		85		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	111		113		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		55		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		93		64-158
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		56		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	61		65		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		68		26-160

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 QC Batch ID: WG1447322-5 QC Sample: L2054538-07 Client ID: SOIL-SB-113						
Perfluorooctanesulfonamide (FOSA)	ND	ND	ug/kg	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	71		76		1-125

PCBS

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01
Client ID: SOIL-SB-100
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 09:20
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 14:40
Analyst: KB
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	44.3	3.93	1	A
Aroclor 1221	ND		ug/kg	44.3	4.44	1	A
Aroclor 1232	ND		ug/kg	44.3	9.38	1	A
Aroclor 1242	ND		ug/kg	44.3	5.97	1	A
Aroclor 1248	ND		ug/kg	44.3	6.64	1	A
Aroclor 1254	ND		ug/kg	44.3	4.84	1	A
Aroclor 1260	ND		ug/kg	44.3	8.18	1	A
Aroclor 1262	ND		ug/kg	44.3	5.62	1	A
Aroclor 1268	ND		ug/kg	44.3	4.59	1	A
PCBs, Total	ND		ug/kg	44.3	3.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02
Client ID: SOIL-SB-105
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 13:50
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 14:53
Analyst: KB
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.23	1	A
Aroclor 1221	ND		ug/kg	36.4	3.65	1	A
Aroclor 1232	ND		ug/kg	36.4	7.72	1	A
Aroclor 1242	ND		ug/kg	36.4	4.91	1	A
Aroclor 1248	ND		ug/kg	36.4	5.46	1	A
Aroclor 1254	ND		ug/kg	36.4	3.98	1	A
Aroclor 1260	ND		ug/kg	36.4	6.73	1	A
Aroclor 1262	ND		ug/kg	36.4	4.63	1	A
Aroclor 1268	ND		ug/kg	36.4	3.77	1	A
PCBs, Total	ND		ug/kg	36.4	3.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 15:06
Analyst: KB
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.3	3.31	1	A
Aroclor 1221	ND		ug/kg	37.3	3.74	1	A
Aroclor 1232	ND		ug/kg	37.3	7.91	1	A
Aroclor 1242	ND		ug/kg	37.3	5.03	1	A
Aroclor 1248	ND		ug/kg	37.3	5.60	1	A
Aroclor 1254	ND		ug/kg	37.3	4.08	1	A
Aroclor 1260	ND		ug/kg	37.3	6.89	1	A
Aroclor 1262	ND		ug/kg	37.3	4.74	1	A
Aroclor 1268	ND		ug/kg	37.3	3.86	1	A
PCBs, Total	ND		ug/kg	37.3	3.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04
Client ID: SOIL-SB-108
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 15:18
Analyst: KB
Percent Solids: 84%

Date Collected: 12/08/20 09:40
Date Received: 12/09/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	3.34	1	A
Aroclor 1221	ND		ug/kg	37.6	3.77	1	A
Aroclor 1232	ND		ug/kg	37.6	7.97	1	A
Aroclor 1242	ND		ug/kg	37.6	5.07	1	A
Aroclor 1248	ND		ug/kg	37.6	5.64	1	A
Aroclor 1254	ND		ug/kg	37.6	4.11	1	A
Aroclor 1260	ND		ug/kg	37.6	6.95	1	A
Aroclor 1262	ND		ug/kg	37.6	4.77	1	A
Aroclor 1268	ND		ug/kg	37.6	3.89	1	A
PCBs, Total	ND		ug/kg	37.6	3.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05
Client ID: SOIL-SB-110
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:00
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 15:31
Analyst: KB
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	3.37	1	A
Aroclor 1221	ND		ug/kg	38.0	3.81	1	A
Aroclor 1232	ND		ug/kg	38.0	8.05	1	A
Aroclor 1242	ND		ug/kg	38.0	5.12	1	A
Aroclor 1248	ND		ug/kg	38.0	5.70	1	A
Aroclor 1254	ND		ug/kg	38.0	4.16	1	A
Aroclor 1260	ND		ug/kg	38.0	7.02	1	A
Aroclor 1262	ND		ug/kg	38.0	4.82	1	A
Aroclor 1268	ND		ug/kg	38.0	3.94	1	A
PCBs, Total	ND		ug/kg	38.0	3.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06
Client ID: SOIL-SB-111
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 15:44
Analyst: KB
Percent Solids: 56%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.5	5.02	1	A
Aroclor 1221	ND		ug/kg	56.5	5.66	1	A
Aroclor 1232	ND		ug/kg	56.5	12.0	1	A
Aroclor 1242	ND		ug/kg	56.5	7.62	1	A
Aroclor 1248	ND		ug/kg	56.5	8.48	1	A
Aroclor 1254	ND		ug/kg	56.5	6.18	1	A
Aroclor 1260	ND		ug/kg	56.5	10.4	1	A
Aroclor 1262	ND		ug/kg	56.5	7.18	1	A
Aroclor 1268	ND		ug/kg	56.5	5.86	1	A
PCBs, Total	ND		ug/kg	56.5	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 15:57
Analyst: KB
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.5	3.86	1	A
Aroclor 1221	ND		ug/kg	43.5	4.36	1	A
Aroclor 1232	ND		ug/kg	43.5	9.22	1	A
Aroclor 1242	ND		ug/kg	43.5	5.86	1	A
Aroclor 1248	ND		ug/kg	43.5	6.52	1	A
Aroclor 1254	ND		ug/kg	43.5	4.76	1	A
Aroclor 1260	ND		ug/kg	43.5	8.04	1	A
Aroclor 1262	ND		ug/kg	43.5	5.52	1	A
Aroclor 1268	ND		ug/kg	43.5	4.51	1	A
PCBs, Total	ND		ug/kg	43.5	3.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08
Client ID: SOIL-SB-115
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 16:09
Analyst: KB
Percent Solids: 62%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.64	1	A
Aroclor 1221	ND		ug/kg	52.2	5.23	1	A
Aroclor 1232	ND		ug/kg	52.2	11.1	1	A
Aroclor 1242	ND		ug/kg	52.2	7.04	1	A
Aroclor 1248	ND		ug/kg	52.2	7.83	1	A
Aroclor 1254	ND		ug/kg	52.2	5.71	1	A
Aroclor 1260	ND		ug/kg	52.2	9.65	1	A
Aroclor 1262	ND		ug/kg	52.2	6.63	1	A
Aroclor 1268	ND		ug/kg	52.2	5.41	1	A
PCBs, Total	ND		ug/kg	52.2	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 16:22
Analyst: KB
Percent Solids: 59%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.85	1	A
Aroclor 1221	ND		ug/kg	54.6	5.47	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.36	1	A
Aroclor 1248	ND		ug/kg	54.6	8.19	1	A
Aroclor 1254	ND		ug/kg	54.6	5.97	1	A
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.93	1	A
Aroclor 1268	ND		ug/kg	54.6	5.65	1	A
PCBs, Total	ND		ug/kg	54.6	4.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/20/20 10:36
Analyst: AWS
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 12:45
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.3	3.31	1	A
Aroclor 1221	ND		ug/kg	37.3	3.74	1	A
Aroclor 1232	ND		ug/kg	37.3	7.91	1	A
Aroclor 1242	ND		ug/kg	37.3	5.03	1	A
Aroclor 1248	ND		ug/kg	37.3	5.59	1	A
Aroclor 1254	ND		ug/kg	37.3	4.08	1	A
Aroclor 1260	ND		ug/kg	37.3	6.89	1	A
Aroclor 1262	ND		ug/kg	37.3	4.74	1	A
Aroclor 1268	ND		ug/kg	37.3	3.86	1	A
PCBs, Total	ND		ug/kg	37.3	3.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	**25**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	30		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11
Client ID: SOIL-SB-120
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 16:35
Analyst: KB
Percent Solids: 89%

Date Collected: 12/09/20 13:10
Date Received: 12/09/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	3.28	1	A
Aroclor 1221	ND		ug/kg	37.0	3.70	1	A
Aroclor 1232	ND		ug/kg	37.0	7.84	1	A
Aroclor 1242	ND		ug/kg	37.0	4.98	1	A
Aroclor 1248	ND		ug/kg	37.0	5.54	1	A
Aroclor 1254	ND		ug/kg	37.0	4.04	1	A
Aroclor 1260	ND		ug/kg	37.0	6.83	1	A
Aroclor 1262	ND		ug/kg	37.0	4.69	1	A
Aroclor 1268	ND		ug/kg	37.0	3.83	1	A
PCBs, Total	ND		ug/kg	37.0	3.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12
Client ID: SOIL-SB-121
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 14:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 17:13
Analyst: KB
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.6	3.60	1	A
Aroclor 1221	ND		ug/kg	40.6	4.07	1	A
Aroclor 1232	ND		ug/kg	40.6	8.61	1	A
Aroclor 1242	ND		ug/kg	40.6	5.47	1	A
Aroclor 1248	ND		ug/kg	40.6	6.09	1	A
Aroclor 1254	ND		ug/kg	40.6	4.44	1	A
Aroclor 1260	ND		ug/kg	40.6	7.50	1	A
Aroclor 1262	ND		ug/kg	40.6	5.16	1	A
Aroclor 1268	ND		ug/kg	40.6	4.21	1	A
PCBs, Total	ND		ug/kg	40.6	3.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 17:26
Analyst: KB
Percent Solids: 86%

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.67	1	A
Aroclor 1232	ND		ug/kg	36.6	7.76	1	A
Aroclor 1242	ND		ug/kg	36.6	4.93	1	A
Aroclor 1248	ND		ug/kg	36.6	5.49	1	A
Aroclor 1254	ND		ug/kg	36.6	4.00	1	A
Aroclor 1260	ND		ug/kg	36.6	6.76	1	A
Aroclor 1262	ND		ug/kg	36.6	4.65	1	A
Aroclor 1268	ND		ug/kg	36.6	3.79	1	A
PCBs, Total	ND		ug/kg	36.6	3.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14
Client ID: SOIL-SB-125
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 17:38
Analyst: KB
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	44.5	3.95	1	A
Aroclor 1221	ND		ug/kg	44.5	4.46	1	A
Aroclor 1232	ND		ug/kg	44.5	9.43	1	A
Aroclor 1242	ND		ug/kg	44.5	6.00	1	A
Aroclor 1248	ND		ug/kg	44.5	6.67	1	A
Aroclor 1254	ND		ug/kg	44.5	4.87	1	A
Aroclor 1260	ND		ug/kg	44.5	8.22	1	A
Aroclor 1262	ND		ug/kg	44.5	5.65	1	A
Aroclor 1268	ND		ug/kg	44.5	4.61	1	A
PCBs, Total	ND		ug/kg	44.5	3.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 17:51
Analyst: KB
Percent Solids: 61%

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.6	4.67	1	A
Aroclor 1221	ND		ug/kg	52.6	5.27	1	A
Aroclor 1232	ND		ug/kg	52.6	11.2	1	A
Aroclor 1242	ND		ug/kg	52.6	7.10	1	A
Aroclor 1248	ND		ug/kg	52.6	7.90	1	A
Aroclor 1254	ND		ug/kg	52.6	5.76	1	A
Aroclor 1260	ND		ug/kg	52.6	9.73	1	A
Aroclor 1262	ND		ug/kg	52.6	6.68	1	A
Aroclor 1268	ND		ug/kg	52.6	5.45	1	A
PCBs, Total	ND		ug/kg	52.6	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16
Client ID: SOIL-SB-128
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 18:04
Analyst: KB
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.6	3.88	1	A
Aroclor 1221	ND		ug/kg	43.6	4.37	1	A
Aroclor 1232	ND		ug/kg	43.6	9.25	1	A
Aroclor 1242	ND		ug/kg	43.6	5.88	1	A
Aroclor 1248	ND		ug/kg	43.6	6.54	1	A
Aroclor 1254	ND		ug/kg	43.6	4.77	1	A
Aroclor 1260	ND		ug/kg	43.6	8.06	1	A
Aroclor 1262	ND		ug/kg	43.6	5.54	1	A
Aroclor 1268	ND		ug/kg	43.6	4.52	1	A
PCBs, Total	ND		ug/kg	43.6	3.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17
Client ID: SOIL-SB-129
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 12:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 18:29
Analyst: KB
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.7	3.88	1	A
Aroclor 1221	ND		ug/kg	43.7	4.38	1	A
Aroclor 1232	ND		ug/kg	43.7	9.27	1	A
Aroclor 1242	ND		ug/kg	43.7	5.90	1	A
Aroclor 1248	ND		ug/kg	43.7	6.56	1	A
Aroclor 1254	ND		ug/kg	43.7	4.78	1	A
Aroclor 1260	ND		ug/kg	43.7	8.08	1	A
Aroclor 1262	ND		ug/kg	43.7	5.55	1	A
Aroclor 1268	ND		ug/kg	43.7	4.53	1	A
PCBs, Total	ND		ug/kg	43.7	3.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18
Client ID: SOIL-SB-130
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 18:42
Analyst: KB
Percent Solids: 81%

Date Collected: 12/10/20 13:15
Date Received: 12/10/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.9	3.46	1	A
Aroclor 1221	ND		ug/kg	38.9	3.90	1	A
Aroclor 1232	ND		ug/kg	38.9	8.26	1	A
Aroclor 1242	ND		ug/kg	38.9	5.25	1	A
Aroclor 1248	ND		ug/kg	38.9	5.84	1	A
Aroclor 1254	ND		ug/kg	38.9	4.26	1	A
Aroclor 1260	ND		ug/kg	38.9	7.20	1	A
Aroclor 1262	ND		ug/kg	38.9	4.95	1	A
Aroclor 1268	ND		ug/kg	38.9	4.04	1	A
PCBs, Total	ND		ug/kg	38.9	3.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 18:55
Analyst: KB
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.6	3.69	1	A
Aroclor 1221	ND		ug/kg	41.6	4.17	1	A
Aroclor 1232	ND		ug/kg	41.6	8.82	1	A
Aroclor 1242	ND		ug/kg	41.6	5.61	1	A
Aroclor 1248	ND		ug/kg	41.6	6.24	1	A
Aroclor 1254	ND		ug/kg	41.6	4.55	1	A
Aroclor 1260	ND		ug/kg	41.6	7.69	1	A
Aroclor 1262	ND		ug/kg	41.6	5.28	1	A
Aroclor 1268	ND		ug/kg	41.6	4.31	1	A
PCBs, Total	ND		ug/kg	41.6	3.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20
Client ID: SOIL-SB-132
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 19:07
Analyst: KB
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	3.26	1	A
Aroclor 1221	ND		ug/kg	36.7	3.68	1	A
Aroclor 1232	ND		ug/kg	36.7	7.78	1	A
Aroclor 1242	ND		ug/kg	36.7	4.95	1	A
Aroclor 1248	ND		ug/kg	36.7	5.51	1	A
Aroclor 1254	ND		ug/kg	36.7	4.02	1	A
Aroclor 1260	ND		ug/kg	36.7	6.78	1	A
Aroclor 1262	ND		ug/kg	36.7	4.66	1	A
Aroclor 1268	ND		ug/kg	36.7	3.80	1	A
PCBs, Total	ND		ug/kg	36.7	3.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 17:47
Analyst: CW

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22
Client ID: TMW-119
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/19/20 11:12
Analyst: JM

Date Collected: 12/10/20 08:30
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23
Client ID: TMW-104
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 18:03
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/19/20 11:20
Analyst: JM

Date Collected: 12/10/20 09:00
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/19/20 11:28
Analyst: JM

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	0.051	J	ug/l	0.083	0.039	1	B
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	0.051	J	ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	41		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26
Client ID: TMW-112
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 18:27
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	30		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	34		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 19:08
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28
Client ID: TMW-101
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 19:16
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29
Client ID: MW-5A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 19:40
Analyst: CW

Date Collected: 12/11/20 13:10
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 19:48
Analyst: CW

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 19:57
Analyst: CW

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33
Client ID: SOIL-SB-134
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 19:20
Analyst: KB
Percent Solids: 77%

Date Collected: 12/10/20 15:45
Date Received: 12/10/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.0	3.73	1	A
Aroclor 1221	ND		ug/kg	42.0	4.21	1	A
Aroclor 1232	ND		ug/kg	42.0	8.92	1	A
Aroclor 1242	ND		ug/kg	42.0	5.67	1	A
Aroclor 1248	ND		ug/kg	42.0	6.31	1	A
Aroclor 1254	ND		ug/kg	42.0	4.60	1	A
Aroclor 1260	ND		ug/kg	42.0	7.77	1	A
Aroclor 1262	ND		ug/kg	42.0	5.34	1	A
Aroclor 1268	ND		ug/kg	42.0	4.36	1	A
PCBs, Total	ND		ug/kg	42.0	3.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/18/20 10:58
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 21-31 Batch: WG1445968-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/19/20 14:02
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-09,11-20,33 Batch: WG1446964-1						
Aroclor 1016	ND		ug/kg	32.8	2.92	A
Aroclor 1221	ND		ug/kg	32.8	3.29	A
Aroclor 1232	ND		ug/kg	32.8	6.96	A
Aroclor 1242	ND		ug/kg	32.8	4.43	A
Aroclor 1248	ND		ug/kg	32.8	4.93	A
Aroclor 1254	ND		ug/kg	32.8	3.59	A
Aroclor 1260	ND		ug/kg	32.8	6.07	A
Aroclor 1262	ND		ug/kg	32.8	4.17	A
Aroclor 1268	ND		ug/kg	32.8	3.40	A
PCBs, Total	ND		ug/kg	32.8	2.92	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	120		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/20/20 10:08
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 12/19/20 12:45
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 10 Batch: WG1447153-1						
Aroclor 1016	ND		ug/kg	31.5	2.80	A
Aroclor 1221	ND		ug/kg	31.5	3.16	A
Aroclor 1232	ND		ug/kg	31.5	6.69	A
Aroclor 1242	ND		ug/kg	31.5	4.25	A
Aroclor 1248	ND		ug/kg	31.5	4.73	A
Aroclor 1254	ND		ug/kg	31.5	3.45	A
Aroclor 1260	ND		ug/kg	31.5	5.83	A
Aroclor 1262	ND		ug/kg	31.5	4.01	A
Aroclor 1268	ND		ug/kg	31.5	3.27	A
PCBs, Total	ND		ug/kg	31.5	2.80	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 21-31 Batch: WG1445968-2 WG1445968-3									
Aroclor 1016	102		67		40-140	42		50	A
Aroclor 1260	111		74		40-140	40		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		64		30-150	A
Decachlorobiphenyl	112		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		65		30-150	B
Decachlorobiphenyl	116		77		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-09,11-20,33 Batch: WG1446964-2 WG1446964-3									
Aroclor 1016	100		92		40-140	8		50	A
Aroclor 1260	90		84		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	110		95		30-150	A
Decachlorobiphenyl	110		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	119		101		30-150	B
Decachlorobiphenyl	143		114		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 10 Batch: WG1447153-2 WG1447153-3									
Aroclor 1016	84		88		40-140	5		50	A
Aroclor 1260	69		69		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		82		30-150	A
Decachlorobiphenyl	64		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		96		30-150	B
Decachlorobiphenyl	76		78		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 21-31 QC Batch ID: WG1445968-4 WG1445968-5 QC Sample: L2054538-28 Client ID: TMW-101													
Aroclor 1016	ND	1.78	1.17	66		2.27	127		40-140	**64**	Q	50	A
Aroclor 1260	ND	1.78	0.919	52		1.94	109		40-140	**71**	Q	50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		69		30-150	A
Decachlorobiphenyl	52		37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		71		30-150	B
Decachlorobiphenyl	60		50		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-09,11-20,33 QC Batch ID: WG1446964-4 WG1446964-5 QC Sample: L2054538-11 Client ID: SOIL-SB-120													
Aroclor 1016	ND	230	154	67		152	66		40-140	1		50	A
Aroclor 1260	ND	230	126	55		127	55		40-140	1		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		71		30-150	A
Decachlorobiphenyl	59		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		74		30-150	B
Decachlorobiphenyl	74		75		30-150	B

METALS

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01
Client ID: SOIL-SB-100
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 09:20
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.50		mg/kg	0.530	0.110	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Barium, Total	45.2		mg/kg	0.530	0.092	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Cadmium, Total	0.286	J	mg/kg	0.530	0.052	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Chromium, Total	9.42		mg/kg	0.530	0.051	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Lead, Total	5.64		mg/kg	2.65	0.142	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.084	0.055	1	12/22/20 14:43	12/23/20 09:56	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	1.06	0.137	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.530	0.150	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02
Client ID: SOIL-SB-105
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 13:50
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.29		mg/kg	0.427	0.089	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Barium, Total	35.4		mg/kg	0.427	0.074	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Cadmium, Total	0.179	J	mg/kg	0.427	0.042	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Chromium, Total	6.08		mg/kg	0.427	0.041	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Lead, Total	3.10		mg/kg	2.14	0.114	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.076	0.050	1	12/22/20 14:43	12/23/20 09:59	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.854	0.110	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.427	0.121	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.930		mg/kg	0.452	0.094	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Barium, Total	7.72		mg/kg	0.452	0.079	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Cadmium, Total	0.154	J	mg/kg	0.452	0.044	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Chromium, Total	6.76		mg/kg	0.452	0.043	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Lead, Total	4.91		mg/kg	2.26	0.121	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.081	0.053	1	12/22/20 14:43	12/23/20 10:03	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.903	0.116	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.452	0.128	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04
Client ID: SOIL-SB-108
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 09:40
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.05		mg/kg	0.463	0.096	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Barium, Total	12.9		mg/kg	0.463	0.081	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Cadmium, Total	0.162	J	mg/kg	0.463	0.045	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Chromium, Total	5.66		mg/kg	0.463	0.045	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Lead, Total	9.46		mg/kg	2.32	0.124	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.079	0.052	1	12/22/20 14:43	12/23/20 10:06	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.926	0.120	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.463	0.131	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05
Client ID: SOIL-SB-110
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:00
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.832		mg/kg	0.440	0.092	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Barium, Total	7.50		mg/kg	0.440	0.077	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Cadmium, Total	0.123	J	mg/kg	0.440	0.043	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Chromium, Total	5.84		mg/kg	0.440	0.042	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Lead, Total	7.87		mg/kg	2.20	0.118	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.080	0.052	1	12/22/20 14:43	12/23/20 10:16	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.880	0.114	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.440	0.124	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06
Client ID: SOIL-SB-111
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.32		mg/kg	0.686	0.143	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Barium, Total	101		mg/kg	0.686	0.119	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Cadmium, Total	0.776		mg/kg	0.686	0.067	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Chromium, Total	18.6		mg/kg	0.686	0.066	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Lead, Total	419		mg/kg	3.43	0.184	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Mercury, Total	0.664		mg/kg	0.113	0.074	1	12/22/20 14:43	12/23/20 10:19	EPA 7471B	1,7471B	VW
Selenium, Total	1.11	J	mg/kg	1.37	0.177	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Silver, Total	0.384	J	mg/kg	0.686	0.194	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.36		mg/kg	0.523	0.109	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Barium, Total	84.0		mg/kg	0.523	0.091	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Cadmium, Total	0.769		mg/kg	0.523	0.051	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Chromium, Total	12.9		mg/kg	0.523	0.050	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Lead, Total	118		mg/kg	2.62	0.140	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Mercury, Total	0.846		mg/kg	0.090	0.059	1	12/22/20 14:43	12/23/20 10:23	EPA 7471B	1,7471B	VW
Selenium, Total	1.36		mg/kg	1.05	0.135	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Silver, Total	0.214	J	mg/kg	0.523	0.148	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08
Client ID: SOIL-SB-115
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.04		mg/kg	0.613	0.128	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Barium, Total	102		mg/kg	0.613	0.107	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Cadmium, Total	0.484	J	mg/kg	0.613	0.060	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Chromium, Total	16.3		mg/kg	0.613	0.059	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Lead, Total	30.1		mg/kg	3.06	0.164	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Mercury, Total	0.403		mg/kg	0.115	0.075	1	12/22/20 14:43	12/23/20 10:26	EPA 7471B	1,7471B	VW
Selenium, Total	0.496	J	mg/kg	1.23	0.158	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Silver, Total	0.337	J	mg/kg	0.613	0.173	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 59%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.48		mg/kg	0.637	0.132	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Barium, Total	104		mg/kg	0.637	0.111	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Cadmium, Total	0.688		mg/kg	0.637	0.062	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Chromium, Total	18.0		mg/kg	0.637	0.061	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Lead, Total	119		mg/kg	3.19	0.171	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Mercury, Total	1.43		mg/kg	0.106	0.069	1	12/22/20 14:43	12/23/20 10:29	EPA 7471B	1,7471B	VW
Selenium, Total	0.886	J	mg/kg	1.27	0.164	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Silver, Total	2.01		mg/kg	0.637	0.180	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.83		mg/kg	0.453	0.094	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Barium, Total	37.6		mg/kg	0.453	0.079	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Cadmium, Total	0.159	J	mg/kg	0.453	0.044	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Chromium, Total	4.92		mg/kg	0.453	0.044	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Lead, Total	2.58		mg/kg	2.27	0.121	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/22/20 14:43	12/23/20 10:33	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.906	0.117	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.453	0.128	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11
Client ID: SOIL-SB-120
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 13:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.73		mg/kg	0.423	0.088	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Barium, Total	40.1		mg/kg	0.423	0.074	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Cadmium, Total	0.241	J	mg/kg	0.423	0.041	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Chromium, Total	9.35		mg/kg	0.423	0.041	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Lead, Total	3.89		mg/kg	2.12	0.113	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.073	0.048	1	12/22/20 14:43	12/23/20 09:43	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.846	0.109	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.423	0.120	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12
Client ID: SOIL-SB-121
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 14:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.27		mg/kg	0.490	0.102	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Barium, Total	55.6		mg/kg	0.490	0.085	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Cadmium, Total	0.284	J	mg/kg	0.490	0.048	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Chromium, Total	10.5		mg/kg	0.490	0.047	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Lead, Total	17.2		mg/kg	2.45	0.131	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/22/20 14:43	12/23/20 10:36	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.980	0.126	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.490	0.139	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.24		mg/kg	0.451	0.094	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Barium, Total	62.4		mg/kg	0.451	0.079	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Cadmium, Total	0.253	J	mg/kg	0.451	0.044	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Chromium, Total	5.36		mg/kg	0.451	0.043	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Lead, Total	2.45		mg/kg	2.26	0.121	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/22/20 14:43	12/23/20 10:39	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.902	0.116	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.451	0.128	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14
Client ID: SOIL-SB-125
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.62		mg/kg	0.510	0.106	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Barium, Total	39.6		mg/kg	0.510	0.089	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Cadmium, Total	0.301	J	mg/kg	0.510	0.050	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Chromium, Total	10.2		mg/kg	0.510	0.049	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Lead, Total	9.68		mg/kg	2.55	0.137	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.085	0.056	1	12/22/20 14:43	12/23/20 10:42	EPA 7471B	1,7471B	VW
Selenium, Total	0.704	J	mg/kg	1.02	0.132	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.510	0.144	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 61%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.75		mg/kg	0.636	0.132	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Barium, Total	60.0		mg/kg	0.636	0.111	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Cadmium, Total	0.452	J	mg/kg	0.636	0.062	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Chromium, Total	11.0		mg/kg	0.636	0.061	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Lead, Total	92.5		mg/kg	3.18	0.170	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Mercury, Total	0.214		mg/kg	0.103	0.068	1	12/22/20 14:43	12/23/20 10:46	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	1.27	0.164	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.636	0.180	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16
Client ID: SOIL-SB-128
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	10.9		mg/kg	0.507	0.105	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Barium, Total	44.5		mg/kg	0.507	0.088	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Cadmium, Total	0.456	J	mg/kg	0.507	0.050	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Chromium, Total	12.2		mg/kg	0.507	0.049	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Lead, Total	33.7		mg/kg	2.54	0.136	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Mercury, Total	0.108		mg/kg	0.092	0.060	1	12/22/20 14:43	12/23/20 10:56	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	1.01	0.131	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.507	0.144	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17
Client ID: SOIL-SB-129
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 12:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	11.8		mg/kg	0.513	0.107	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Barium, Total	62.6		mg/kg	0.513	0.089	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Cadmium, Total	0.827		mg/kg	0.513	0.050	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Chromium, Total	18.4		mg/kg	0.513	0.049	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Lead, Total	646		mg/kg	2.57	0.138	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Mercury, Total	2.54		mg/kg	0.095	0.062	1	12/22/20 14:43	12/23/20 10:59	EPA 7471B	1,7471B	VW
Selenium, Total	0.816	J	mg/kg	1.03	0.132	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.513	0.145	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18
Client ID: SOIL-SB-130
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	8.86		mg/kg	0.469	0.098	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Barium, Total	38.4		mg/kg	0.469	0.082	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Cadmium, Total	0.239	J	mg/kg	0.469	0.046	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Chromium, Total	5.63		mg/kg	0.469	0.045	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Lead, Total	2.24	J	mg/kg	2.35	0.126	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.077	0.050	1	12/22/20 14:43	12/23/20 11:02	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.939	0.121	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.469	0.133	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.84		mg/kg	0.497	0.103	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Barium, Total	46.2		mg/kg	0.497	0.087	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Cadmium, Total	0.254	J	mg/kg	0.497	0.049	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Chromium, Total	5.94		mg/kg	0.497	0.048	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Lead, Total	11.9		mg/kg	2.49	0.133	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.091	0.060	1	12/22/20 14:43	12/23/20 11:06	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.994	0.128	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.497	0.141	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20
Client ID: SOIL-SB-132
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.81		mg/kg	0.449	0.093	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Barium, Total	46.6		mg/kg	0.449	0.078	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Cadmium, Total	0.211	J	mg/kg	0.449	0.044	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Chromium, Total	5.24		mg/kg	0.449	0.043	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Lead, Total	2.11	J	mg/kg	2.24	0.120	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.073	0.048	1	12/22/20 14:43	12/23/20 11:09	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.898	0.116	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.449	0.127	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01310		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Barium, Total	0.7717		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00127		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Chromium, Total	0.03379		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Lead, Total	0.06255		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:38	EPA 7470A	1,7470A	VW
Selenium, Total	0.0126		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22
Client ID: TMW-119
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00699		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Barium, Total	0.3053		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00075		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Chromium, Total	0.02320		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Lead, Total	0.08176		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:41	EPA 7470A	1,7470A	VW
Selenium, Total	0.00182	J	mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23
Client ID: TMW-104
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01990		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Barium, Total	0.4859		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00376		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Chromium, Total	0.03602		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Lead, Total	2.175		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Mercury, Total	0.00011	J	mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:44	EPA 7470A	1,7470A	VW
Selenium, Total	0.00658		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:00
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01762		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Barium, Total	0.5686		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00330		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Chromium, Total	0.03358		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Lead, Total	2.998		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:48	EPA 7470A	1,7470A	VW
Selenium, Total	0.00763		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.03391		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Barium, Total	0.2667		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00031		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Chromium, Total	0.01053		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Lead, Total	0.1586		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Mercury, Total	0.00019	J	mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:51	EPA 7470A	1,7470A	VW
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26
Client ID: TMW-112
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.03730		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Barium, Total	0.3416		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00020		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Chromium, Total	0.00934		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Lead, Total	0.04939		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 16:01	EPA 7470A	1,7470A	VW
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00554		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Barium, Total	1.545		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00156		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Chromium, Total	0.01807		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Lead, Total	0.04065		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 16:04	EPA 7470A	1,7470A	VW
Selenium, Total	0.00410	J	mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28
Client ID: TMW-101
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.06336		mg/l	0.00100	0.00033	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Barium, Total	2.377		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00043		mg/l	0.00040	0.00011	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Chromium, Total	0.01504		mg/l	0.00200	0.00035	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Lead, Total	0.01701		mg/l	0.00200	0.00068	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:28	EPA 7470A	1,7470A	VW
Selenium, Total	ND		mg/l	0.0100	0.00346	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00080	0.00032	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29
Client ID: MW-5A
Sample Location: SYRACUSE, NY

Date Collected: 12/11/20 13:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.02144		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Barium, Total	0.5104		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00194		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Chromium, Total	0.01334		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Lead, Total	0.02767		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 16:08	EPA 7470A	1,7470A	VW
Selenium, Total	0.00736		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00386		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Barium, Total	0.3732		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Cadmium, Total	0.08776		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Chromium, Total	0.00767		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Lead, Total	0.01253		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 16:11	EPA 7470A	1,7470A	VW
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00862		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Barium, Total	0.5302		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Cadmium, Total	0.01398		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Chromium, Total	0.01303		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Lead, Total	0.02883		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 16:14	EPA 7470A	1,7470A	VW
Selenium, Total	0.00271	J	mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33
Client ID: SOIL-SB-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 15:45
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.569		mg/kg	0.494	0.103	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Barium, Total	8.61		mg/kg	0.494	0.086	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Cadmium, Total	0.282	J	mg/kg	0.494	0.049	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Chromium, Total	5.85		mg/kg	0.494	0.048	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Lead, Total	4.90		mg/kg	2.47	0.132	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Mercury, Total	ND		mg/kg	0.082	0.054	1	12/22/20 08:00	12/22/20 19:01	EPA 7471B	1,7471B	EW
Selenium, Total	ND		mg/kg	0.989	0.128	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.494	0.140	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 33 Batch: WG1447681-1										
Arsenic, Total	0.252	J	mg/kg	0.400	0.083	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Barium, Total	ND		mg/kg	0.400	0.070	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Chromium, Total	0.064	J	mg/kg	0.400	0.038	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Lead, Total	ND		mg/kg	2.00	0.107	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Silver, Total	ND		mg/kg	0.400	0.113	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 33 Batch: WG1447683-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/22/20 08:00	12/22/20 18:54	1,7471B	EW

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-31 Batch: WG1447744-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-31 Batch: WG1447746-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:21	1,7470A	VW

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1447818-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1447822-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/22/20 14:43	12/23/20 09:36	1,7471B	VW

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33 Batch: WG1447681-2 SRM Lot Number: D109-540								
Arsenic, Total	102		-		70-130	-		
Barium, Total	99		-		75-125	-		
Cadmium, Total	99		-		75-125	-		
Chromium, Total	100		-		70-130	-		
Lead, Total	102		-		72-128	-		
Selenium, Total	104		-		68-132	-		
Silver, Total	105		-		68-131	-		
Total Metals - Mansfield Lab Associated sample(s): 33 Batch: WG1447683-2 SRM Lot Number: D109-540								
Mercury, Total	95		-		60-140	-		
Total Metals - Mansfield Lab Associated sample(s): 21-31 Batch: WG1447744-2								
Arsenic, Total	112		-		80-120	-		
Barium, Total	106		-		80-120	-		
Cadmium, Total	116		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Lead, Total	109		-		80-120	-		
Selenium, Total	113		-		80-120	-		
Silver, Total	110		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-31 Batch: WG1447746-2					
Mercury, Total	84	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1447818-2 SRM Lot Number: D109-540					
Arsenic, Total	96	-	70-130	-	
Barium, Total	92	-	75-125	-	
Cadmium, Total	91	-	75-125	-	
Chromium, Total	97	-	70-130	-	
Lead, Total	87	-	72-128	-	
Selenium, Total	94	-	68-132	-	
Silver, Total	98	-	68-131	-	
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1447822-2 SRM Lot Number: D109-540					
Mercury, Total	78	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1447681-3 QC Sample: L2056108-01 Client ID: MS Sample												
Arsenic, Total	3.88	11.2	14.7	96		-	-		75-125	-		20
Barium, Total	262	188	474	113		-	-		75-125	-		20
Cadmium, Total	1.38	4.78	5.79	92		-	-		75-125	-		20
Chromium, Total	37.3	18.8	56.9	104		-	-		75-125	-		20
Lead, Total	233	47.8	258	**52**	Q	-	-		75-125	-		20
Selenium, Total	ND	11.2	11.3	100		-	-		75-125	-		20
Silver, Total	2.37	28.1	32.2	106		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1447683-3 QC Sample: L2054538-33 Client ID: SOIL-SB-134												
Mercury, Total	ND	0.164	0.154	94		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 21-31 QC Batch ID: WG1447744-3 WG1447744-4 QC Sample: L2054538-28 Client ID: TMW-101												
Arsenic, Total	0.06336	0.24	0.3419	116		0.3421	116		75-125	0		20
Barium, Total	2.377	4	6.687	108		6.578	105		75-125	2		20
Cadmium, Total	0.00043	0.102	0.1196	117		0.1161	113		75-125	3		20
Chromium, Total	0.01504	0.4	0.4311	104		0.4209	101		75-125	2		20
Lead, Total	0.01701	1.02	1.168	113		1.136	110		75-125	3		20
Selenium, Total	ND	0.24	0.270	112		0.258	108		75-125	5		20
Silver, Total	ND	0.1	0.1109	111		0.1080	108		75-125	3		20
Total Metals - Mansfield Lab Associated sample(s): 21-31 QC Batch ID: WG1447746-3 WG1447746-4 QC Sample: L2054538-28 Client ID: TMW-101												
Mercury, Total	ND	0.005	0.00462	92		0.00467	93		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1447818-3 WG1447818-4 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Arsenic, Total	9.73	10.3	26.8	**166**	Q	20.0	100		75-125	**29**	Q	20
Barium, Total	40.1	171	174	78		176	80		75-125	1		20
Cadmium, Total	0.241J	4.36	3.59	82		3.54	81		75-125	1		20
Chromium, Total	9.35	17.1	22.6	77		21.9	**73**	Q	75-125	3		20
Lead, Total	3.89	43.6	34.2	**69**	Q	34.7	**71**	Q	75-125	1		20
Selenium, Total	ND	10.3	8.48	82		8.46	82		75-125	0		20
Silver, Total	ND	25.7	24.7	96		24.8	97		75-125	0		20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1447822-3 WG1447822-4 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Mercury, Total	ND	0.161	0.171	106		0.168	111		80-120	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1447681-4 QC Sample: L2056108-01 Client ID: DUP Sample						
Arsenic, Total	3.88	6.99	mg/kg	**57**	Q	20
Barium, Total	262	225	mg/kg	15		20
Cadmium, Total	1.38	1.53	mg/kg	10		20
Chromium, Total	37.3	33.9	mg/kg	10		20
Lead, Total	233	209	mg/kg	11		20
Selenium, Total	ND	0.244J	mg/kg	NC		20
Silver, Total	2.37	2.63	mg/kg	10		20
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1447683-4 QC Sample: L2054538-33 Client ID: SOIL-SB-134						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01
Client ID: SOIL-SB-100
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 09:20
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.4		%	0.100	NA	1	-	12/08/20 13:24	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02
Client ID: SOIL-SB-105
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 13:50
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	12/08/20 13:24	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04
Client ID: SOIL-SB-108
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 09:40
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05
Client ID: SOIL-SB-110
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:00
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06
Client ID: SOIL-SB-111
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	56.2		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.4		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08
Client ID: SOIL-SB-115
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	61.6		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	59.3		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11
Client ID: SOIL-SB-120
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 13:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12
Client ID: SOIL-SB-121
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 14:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.3		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14
Client ID: SOIL-SB-125
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.0		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	60.7		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16
Client ID: SOIL-SB-128
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.4		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17
Client ID: SOIL-SB-129
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 12:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.0		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18
Client ID: SOIL-SB-130
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.0		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20
Client ID: SOIL-SB-132
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33
Client ID: SOIL-SB-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 15:45
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.6		%	0.100	NA	1	-	12/16/20 16:46	121,2540G	TR

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1442222-1 QC Sample: L2054183-01 Client ID: DUP Sample						
Solids, Total	82.6	83.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG1443259-1 QC Sample: L2054538-11 Client ID: SOIL-SB-120						
Solids, Total	89.0	81.9	%	8		20
General Chemistry - Westborough Lab Associated sample(s): 14-20 QC Batch ID: WG1443939-1 QC Sample: L2055319-03 Client ID: DUP Sample						
Solids, Total	90.2	91.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 33 QC Batch ID: WG1446089-1 QC Sample: L2054538-33 Client ID: SOIL-SB-134						
Solids, Total	76.6	74.3	%	3		20

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
A1	Absent
A2	Absent
A3	Absent
B	Absent
B2	Absent
B3	Absent
C3	Absent
D3	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-01A	Vial MeOH preserved	A	NA		2.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-01B	Vial water preserved	A	NA		2.3	Y	Absent	08-DEC-20 04:42	NYTCL-8260HLW-R2(14)
L2054538-01C	Vial water preserved	A	NA		2.3	Y	Absent	08-DEC-20 04:42	NYTCL-8260HLW-R2(14)
L2054538-01D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2054538-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-01F	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-02A	Vial MeOH preserved	A	NA		2.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-02B	Vial water preserved	A	NA		2.3	Y	Absent	08-DEC-20 04:42	NYTCL-8260HLW-R2(14)
L2054538-02C	Vial water preserved	A	NA		2.3	Y	Absent	08-DEC-20 04:42	NYTCL-8260HLW-R2(14)
L2054538-02D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2054538-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-02F	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-03A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-03B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-03C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-03D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-03D1	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-03F	Plastic 8oz unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-03G	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-04A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-04B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-04C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-04D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-04F	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-05A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-05B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-05C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-05D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-05F	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-06A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-06B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-06C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-06D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-06E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-06F	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-07A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-07B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-07C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-07D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-07D1	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-07E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-07F	Plastic 8oz unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-07G	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-08A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-08B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-08C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-08D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-08E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-08F	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-09A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-09B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-09C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-09D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-09E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-09F	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-10A	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-10B	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-10C	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-10D	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-10D1	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-10E	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-10F	Plastic 8oz unpreserved	A1	NA		2.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-10G	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-11A	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-11A1	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-11A2	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-11B	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11B1	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11B2	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11C	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11C1	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11C2	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11D	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-11D1	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-11D2	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-11E	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-11E1	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-11E2	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-11F	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-11F1	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-11F2	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-12A	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-12B	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-12C	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-12D	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-12E	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-12F	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-13A	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-13B	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-13C	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-13D	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-13D1	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-13E	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-13F	Plastic 8oz unpreserved	A1	NA		2.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-13G	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-14A	Vial MeOH preserved	A2	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-14B	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-14C	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-14D	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-14E	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-14F	Glass 250ml/8oz unpreserved	A2	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-15A	Vial MeOH preserved	A2	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-15B	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-15C	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-15D	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-15D1	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-15E	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-15F	Plastic 8oz unpreserved	A2	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-15G	Glass 250ml/8oz unpreserved	A2	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-16A	Vial MeOH preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-16B	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-16C	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-16D	Plastic 2oz unpreserved for TS	B2	NA		2.7	Y	Absent		TS(7)
L2054538-16E	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		2.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-16F	Glass 250ml/8oz unpreserved	B2	NA		2.7	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-17A	Vial MeOH preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-17B	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-17C	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-17D	Plastic 2oz unpreserved for TS	B2	NA		2.7	Y	Absent		TS(7)
L2054538-17E	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		2.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-17F	Glass 250ml/8oz unpreserved	B2	NA		2.7	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-18A	Vial MeOH preserved	A2	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-18B	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-18C	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-18D	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-18E	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-18F	Glass 250ml/8oz unpreserved	A2	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-19A	Vial MeOH preserved	A2	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-19B	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-19C	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-19D	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-19D1	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-19E	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-19F	Plastic 8oz unpreserved	A2	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-19G	Glass 250ml/8oz unpreserved	A2	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-20A	Vial MeOH preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-20B	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-20C	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-20D	Plastic 2oz unpreserved for TS	B2	NA		2.7	Y	Absent		TS(7)
L2054538-20E	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		2.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-20F	Glass 250ml/8oz unpreserved	B2	NA		2.7	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-21A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-21B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-21C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-21D	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-21E	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-21F	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-21G	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-21H	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-21I	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-21J	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-21K	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-21L	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-22A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-22B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-22C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-22D	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-22E	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-22F	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-22G	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-22H	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-23A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-23B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-23C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-23D	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-23E	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-23F	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-23G	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-23H	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-24A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-24B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-24C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-24D	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2054538-24E	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-24F	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-24G	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-24H	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-25A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-25B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-25C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-25D	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-25E	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-25F	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2054538-25G	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-25H	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-25I	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-25J	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-25K	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-25L	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-26A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-26B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-26C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-26D	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-26E	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-26F	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-26G	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-26H	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-27A	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-27B	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-27C	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-27D	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-27E	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-27F	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2054538-27G	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-27H	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-27I	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-27J	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-27K	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-27L	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-28A	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28A1	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28A2	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28B	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28B1	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-28B2	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28C	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28C1	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28C2	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28D	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2054538-28D1	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2054538-28D2	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2054538-28E	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28E1	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28E2	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28F	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28F1	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28F2	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28G	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-28G1	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-28G2	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-28H	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-28H1	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-28H2	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-29A	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-29B	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-29C	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-29D	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-29E	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-29F	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-29G	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-29H	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-30A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-30B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-30C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-30D	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-30E	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-30F	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-30G	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-30H	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-30I	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-30J	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-30K	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-30L	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-31A	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-31B	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-31C	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-31D	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2054538-31E	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-31F	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-31G	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-31H	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-32A	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-32B	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-32C	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-32D	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-32E	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-32F	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-33A	Vial MeOH preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-33B	Vial water preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-33C	Vial water preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-33D	Plastic 2oz unpreserved for TS	B2	NA		2.7	Y	Absent		-
L2054538-33E	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		2.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-33F	Glass 250ml/8oz unpreserved	B2	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

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Report Date: 12/29/20

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	FORMER COYNE TEXTILE	**Lab Number:**	L2054538
Project Number:	059294.001.0008500	**Report Date:**	12/29/20

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER COYNE TEXTILE	**Lab Number:**	L2054538
Project Number:	059294.001.0008500	**Report Date:**	12/29/20

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER COYNE TEXTILE	**Lab Number:**	L2054538
Project Number:	059294.001.0008500	**Report Date:**	12/29/20

Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER COYNE TEXTILE	**Lab Number:**	L2054538
Project Number:	059294.001.0008500	**Report Date:**	12/29/20

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 12/08/20

ALPHA Job #: L2054538

Client Information

Client: CHA Consulting
Address: 300 S. State St 600
Syracuse NY 13202
Phone: 315-257-7250
Fax:
Email: kehmann@chacompanies.com

Project Information

Project Name: Former Coyne Textile
Project Location: Syracuse NY
Project #: 059294.001.0008500
(Use Project name as Project #) ☐
Project Manager: Melissa Deyo
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

hold report for all samples week of 12.7 → 12.11

Please specify Metals or TAL. RCRA 8 metals

Sample Filtration
☐ Done
☐ Lab to do

Preservation
☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 HLW	TCL SVOCs 8270	Total PCBs 8082	RCRA 8 metals	Total Solids				Sample Specific Comments	Total Bottle
54538-01	SOIL-SB-100	12.7.20	0920	Soil	KE	X	X	X	X	X					6
-02	SOIL-SB-105	12.7.20	1351350	Soil	KE	X	X	X	X	X					6

Container Type	E	A	A	A	E		
Preservative	F/D	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By: AAL	Date/Time
[signature]	12.7.20 / 1530	[signature]	12/7/20 1925
[signature]	12/7/20 1925	[signature]	12/8/20 01:15

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/10/20

ALPHA Job #: L2054538

Project Information

Project Name: Former Layne Textile
Project Location: Syracuse, NY
Project #: 05929.001
(Use Project name as Project #) ☐
Project Manager: Melissa Reyo
ALPHAQuote #:

Client Information

Client: CHA Consulting
Address: 300 S. State St. 13202 Syracuse NY ~~13088~~
Phone: 315-257-7250
Fax:
Email: Kellmann@chacompanies.com

Turn-Around Time

Standard ☒
Rush (only if pre approved) ☐
Due Date:
# of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

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

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Combine sample

Please specify Metals or TAL. RCRA 8 metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 HW	TCL SVOCs 8270	Total PCBs 8082	RCRA 8 Metals	Total Solids	PFAS A2-537 (ISTD)	Total Solids	Sample Specific Comments	Total Bottles
54538-03	SOIL-SB-106	12-8-20	8:45	Soil	KE	X	X	X	X	X	X	X		
-04	SOIL-SB-108	↓	9:40	↓	↓	X	X	X	X	X				
-05	SOIL-SB-110	↓	11:00	↓	↓	X	X	X	X	X				
-06	SOIL-SB-111	↓	11:50	↓	↓	X	X	X	X	X				
-07	SOIL-SB-113	↓	15:10	↓	↓	X	X	X	X	X	X	X		
-08	SOIL-SB-115	↓	15:45	↓	↓	X	X	X	X	X				
-09	CHA-1	↓	15:45	↓	↓	X	X	X	X	X				
					Container Type	E	A	A	A	E	P	P		
					Preservative	F/O	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12/9/20 / 1150	AAL [signature]	12/09/2020 1151
[signature]	12/09/2020 1151	[signature]	12/10/20 0045

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 12/10/20

ALPHA Job #: L2054538

Project Information
Project Name: Former Lamont Textile
Project Location: Syracuse NY
Project #: 059294.001.0008500
(Use Project name as Project #) ☐
Project Manager: Melissa Deyo
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: CHA Consulting
Address: 300 S. State St. Syracuse NY
Phone: 315-257-7250
Fax:
Email: kehrmann@chacompanies

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

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

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility: ☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL. RCRA8 metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 HLW	TCL SVOCs 8270	Total PCB 8082	RCRA8 metals	Total Solids	PFAS A2-537 isotope	Total Solids	Sample Specific Comments	Total Bottles
54538 -10	SOIL-SB-116	12.9.20	825	Soil	KE	X	X	X	X	X	X	X		8
-11	SOIL-SB-120	↓	1310	↓	↓	X	X	X	X	X				6
-11	MS	↓	1310	↓	↓	X	X	X	X	X				6
-11	MSD	↓	1310	↓	↓	X	X	X	X	X				6
-12	SOIL-SB-121	↓	1425	↓	↓	X	X	X	X	X				6
-13	SOIL-SB-124	↓	1530	↓	↓	X	X	X	X	X	X	X		8
					Container Type	E	A	A	A	P	P	P		
					Preservative	F/O	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12-9-20 / 1830	[signature] AAL	12/9/2020 1830
[signature]	12/09/2020 / 18:30	[signature]	12/10/20 00:45

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Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

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Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page
of

Date Rec'd in Lab: 12/11/20

ALPHA Job #: L2054538

Client Information
Client: CHA Consulting
Address: 300 S State St. Syracuse NY 13202
Phone: 315-257-7250
Fax:
Email: kehmann@chacompanies.com

Project Information
Project Name: Former Coyne Textile
Project Location: Syracuse NY
Project #: 059744.001.0008500
(Use Project name as Project #) ☐
Project Manager: Melissa Deyo
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL. RCRA 8 metals

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 HLW	TCL SVOCs 8270	Total PCBs 8082	RCRA 8 Metals	Total Solids	A2-537 PFAS isotope	Total Solids		Sample Specific Comments	Total Bottle
54538-01 -14	SOIL-SB-125	12.10.20	9:10	soil	KE	X	X	X	X	X					6
-02 -15	SOIL-SB-126	↓	10:30	↓	↓	X	X	X	X	X	X	X			8
-03 -16	SOIL-SB-128	↓	11:15	↓	↓	X	X	X	X	X					6
-04 -17	SOIL-SB-129	↓	12:05	↓	↓	X	X	X	X	X					6
-18	SOIL-SB-130	↓	13:15	↓	↓	X	X	X	X	X					6
-19	SOIL-SB-131	↓	13:45	↓	↓	X	X	X	X	X	X	X			8
-20	SOIL-SB-132	↓	14:05	↓	↓	X	X	X	X	X					6
-21	SOIL-SB-134	↓	15:45	↓	↓	X	X	X	X	X					6
Container Type						E	A	A	A	P	P	P			
Preservative						F/W	A	A	A	A	A	A			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By: AAL	Date/Time
[signature]	1815 / 12.10.2020	[signature]	12/10/20 1825
[signature]	12/10/20 1825	[signature]	12/11/20 01:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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Page 1 of 2

Date Rec'd in Lab: 12/12/20

ALPHA Job #: L2054638

Project Information
Project Name: Former Layne Textile
Project Location: Syracuse NY
Project #: 054224.001.0008500
(Use Project name as Project #) ☐
Project Manager: Melissa Reyes
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: CHA Consulting
Address: 300 S. State St. 600
Syracuse, NY 13202
Phone: 315-257-7250
Fax:
Email: kehmann@chacompanies.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL. RCRA 8 metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260 VOC	NYTCL-8270-LVI	NYTCL-8082-LVI	RCRA 8 Metals	1,4-Dioxane-SIM	NY 537 Isotope PFAS			Sample Specific Comments	Total Bottles
54538-021	TMW-116	12.11.20	08:15	water	KE	X	X	X	X	X	X				12
-22	TMW-119	↓	08:30	↓	↓	X	X	X	X						8
-23	TMW-104	↓	09:10	↓	↓	X	X	X	X						8
-24	CHA-1	↓	09:00	↓	↓	X	X	X	X						8
-25	TMW-134	↓	09:40	↓	↓	X	X	X	X	X	X				12
-26	TMW-112	↓	10:30	↓	↓	X	X	X	X						8
-27	TMW-133	↓	11:10	↓	↓	X	X	X	X	X	X				12
-28	TMW-101	↓	11:40	↓	↓	X	X	X	X						
-28	MS	↓	11:40	↓	↓	X	X	X	X						
-28	MSD	↓	11:40	↓	↓	X	X	X	X						
					Container Type	V	A	A	P	A	P				
					Preservative	B	A	A	C	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12.11.20 / 1530	A AL M. Radziewski	12-11-20 / 1815
[signature]	12-11-2020 / 1815	[signature]	12/11/20 2210

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 12/12/20

ALPHA Job #: L2054538

Project Information
Project Name: Former Coyne Textile
Project Location: Syracuse NY
Project #: 059394.001.00008500
(Use Project name as Project #) ☐
Project Manager: Melissa Deyo
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: CHA Consulting
Address: 300 S. State St 600
Syracuse NY 13202
Phone: 315-257-7250
Fax:
Email: kehman@chaconpries.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL. RCRA 8

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8270-LVI	NYTCL-8082-LVI	RCRA 8 metals	1,4 Dioxane-SIM	NY537 Isotope PFAS			Sample Specific Comments	Total Bottles
54538-29	MW-5A	12-11-20	13:10	water	KE	X	X	X	X						8
-30	MW-6A	↓	13:45	↓	↓	X	X	X	X	X	X				12
-31	MW-7A		14:25			X	X	X	X						8
-32	Trip Blank	↓	14:45	↓	↓	X					X				6

Container Type	V	A	A	P	A	P	
Preservative	B	A	A	C	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12-11-20 / 1530	AAL M. Radziewski	12-11-2020 / 1815
[signature]	12-11-2020 / 1815	[signature]	12/12/20 0910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

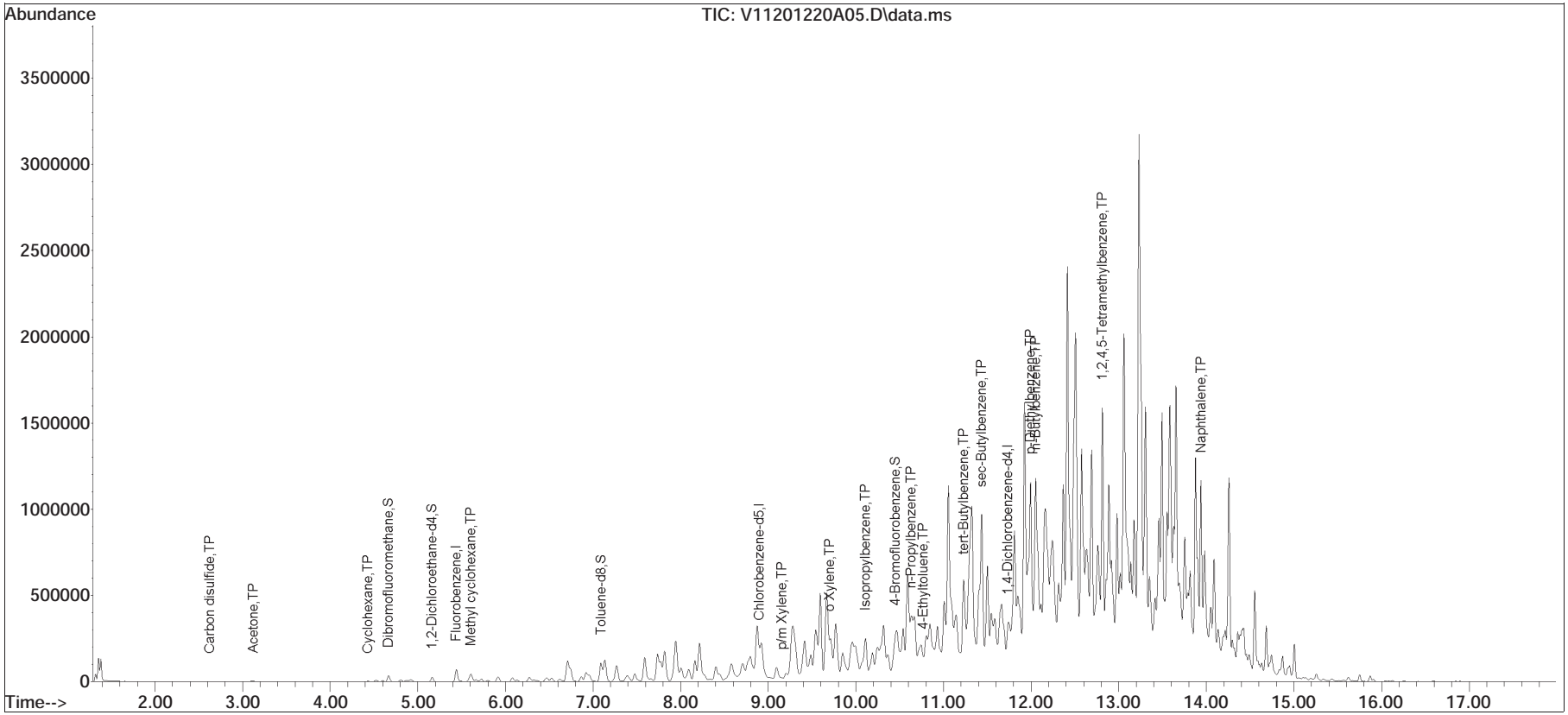
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA111\2020\201220A\
Data File : V11201220A05.D
Acq On : 20 Dec 2020 03:24 pm
Operator : VOA111:NLK
Sample : l2054538-07,31,5.82,5,,c
Misc : WG1447585,ICAL17294
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 07:20:30 2020
Quant Method : I:\VOLATILES\VOA111\2020\201220A\V111_201028P_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Oct 29 12:26:02 2020
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox0A\V11201220A01.D•

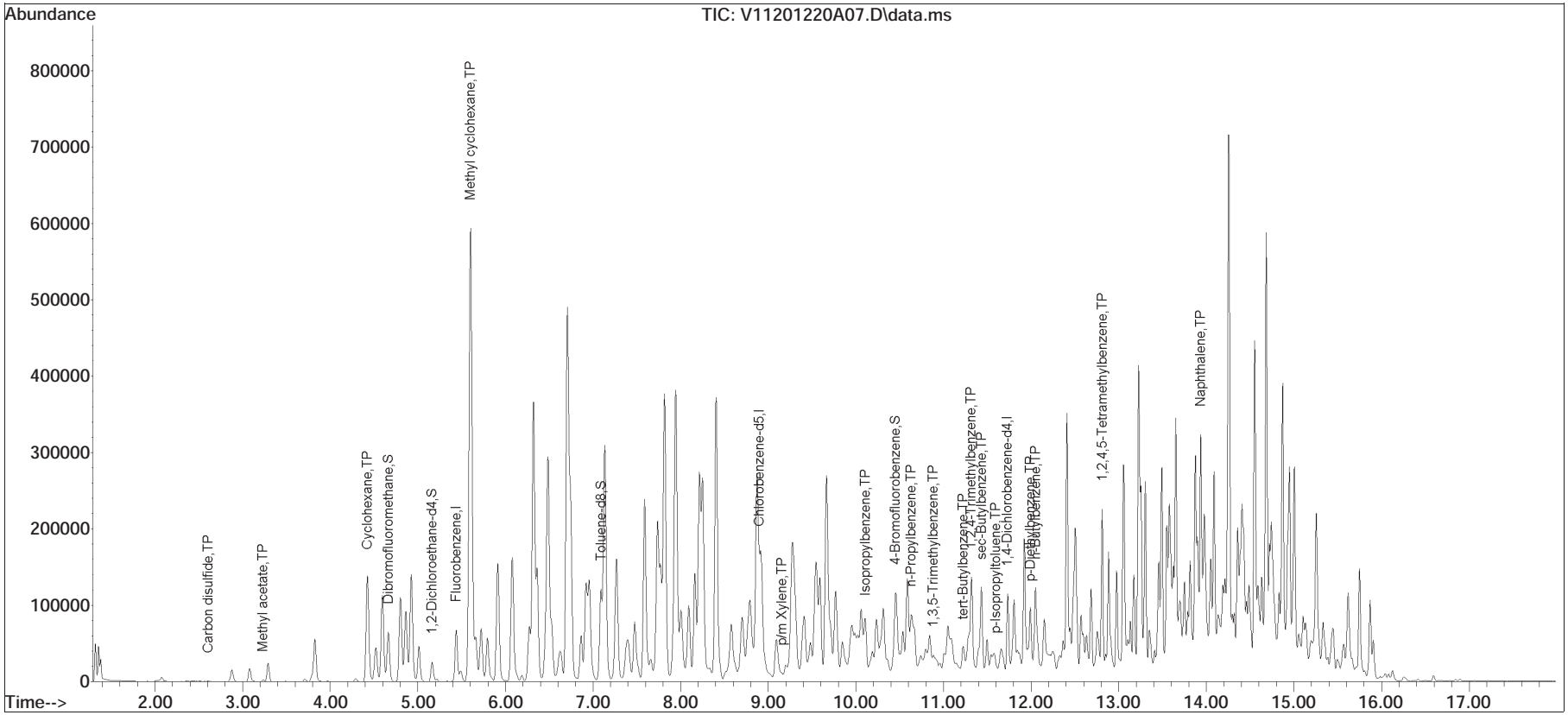


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA111\2020\201220A\
Data File : V11201220A07.D
Acq On : 20 Dec 2020 04:13 pm
Operator : VOA111:NLK
Sample : l2054538-08,31H,5.14,5,0.100,,a
Misc : WG1447587,ICAL17294
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 21 07:27:08 2020
Quant Method : I:\VOLATILES\VOA111\2020\201220A\V111_201028P_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Oct 29 12:26:02 2020
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox0A\V11201220A01.D•

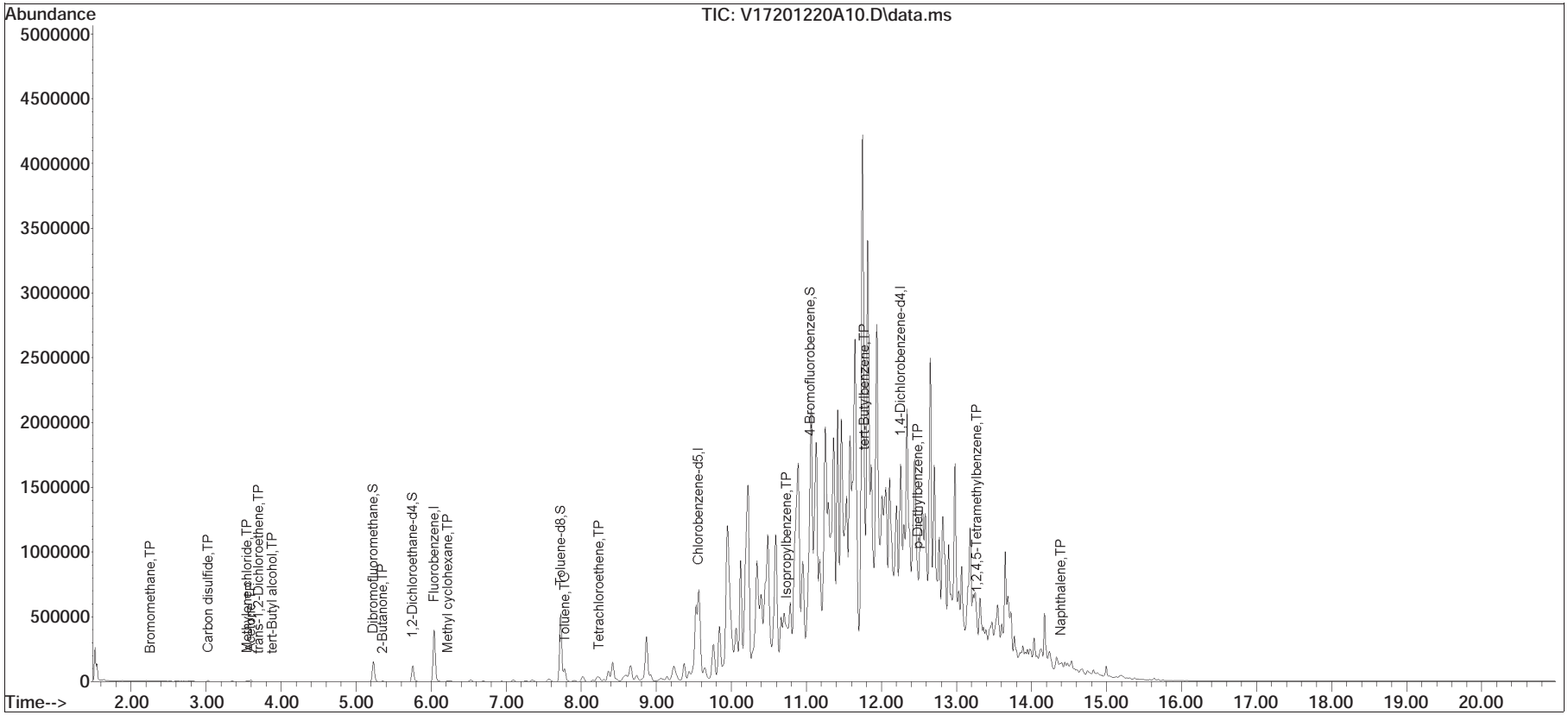


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2020\201220A\
Data File : V17201220A10.D
Acq On : 20 Dec 2020 11:59 am
Operator : VOA117:NLK
Sample : l2054538-14,31,5.05,5,,c
Misc : WG1447700,ICAL17240
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 21 11:37:20 2020
Quant Method : I:\VOLATILES\VOA117\2020\201220A\V117_201013N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Oct 14 11:26:40 2020
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox0A\V17201220A01.D•

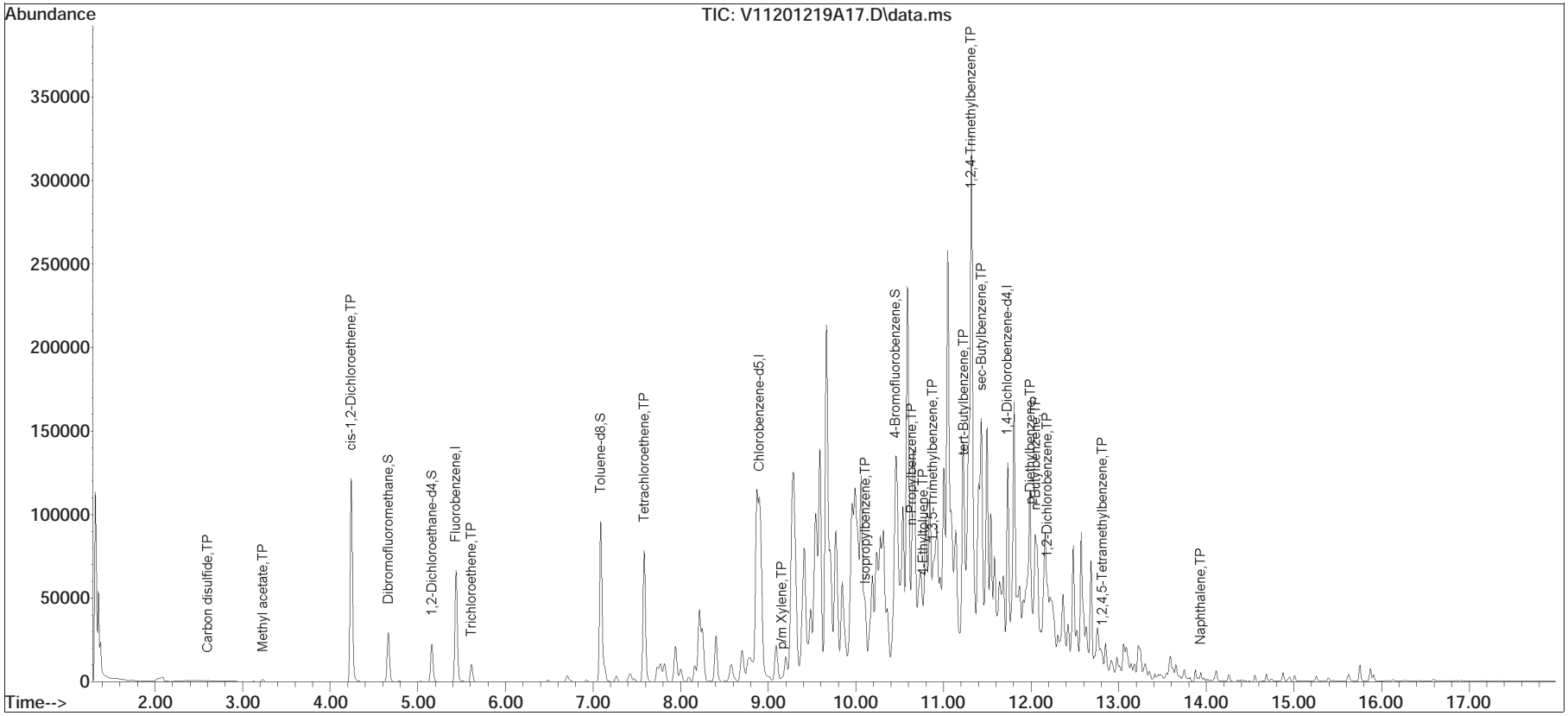


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA111\2020\201219A\
Data File : V11201219A17.D
Acq On : 19 Dec 2020 04:37 pm
Operator : VOA111:MKS
Sample : l2054538-15,31H,5.51,5,0.100,,a
Misc : WG1447429,ICAL17294
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 08:58:40 2020
Quant Method : I:\VOLATILES\VOA111\2020\201219A\V111_201028P_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Oct 29 12:26:02 2020
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox9A\V11201219A01.D•

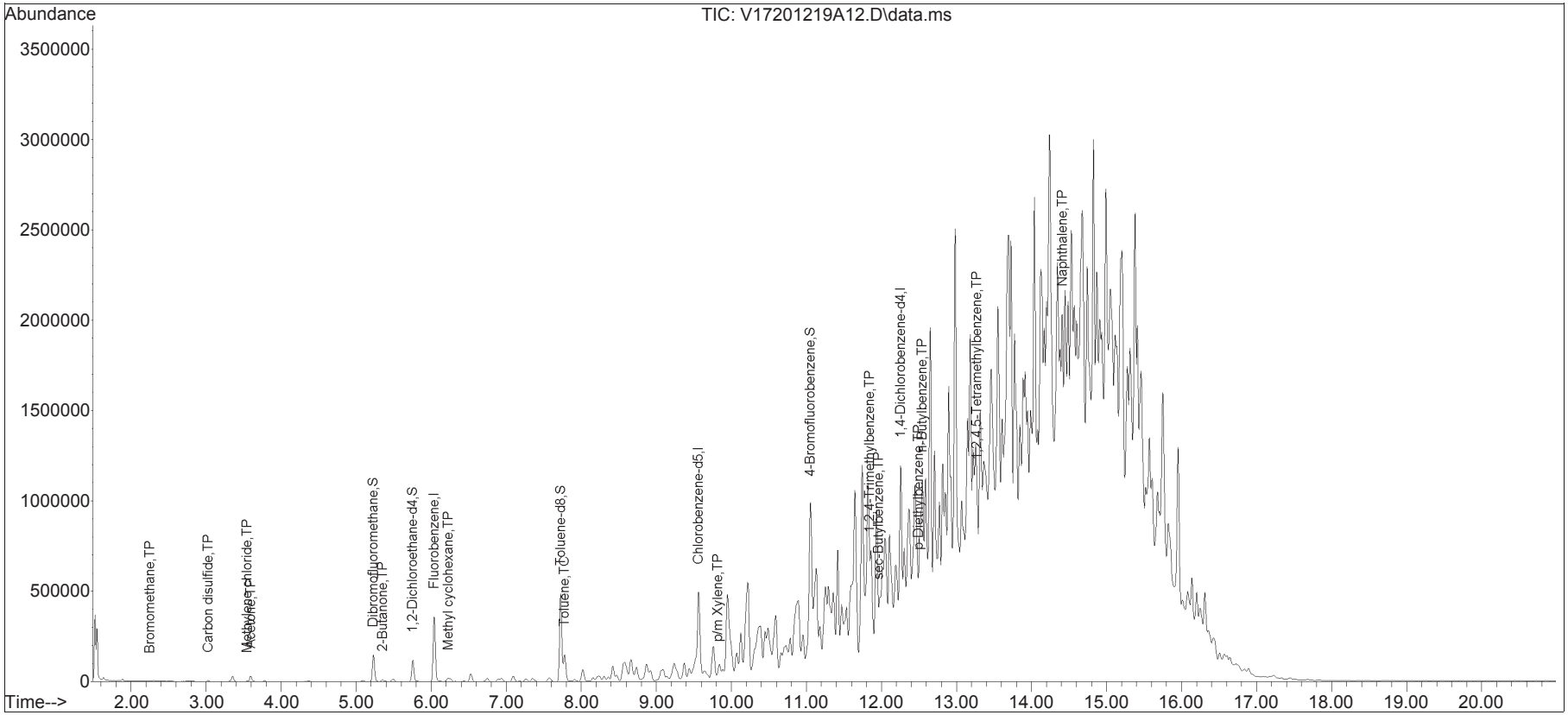


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2020\201219A\
Data File : V17201219A12.D
Acq On : 19 Dec 2020 02:56 pm
Operator : VOA117:MKS
Sample : l2054538-17,31,5.58,5,,c
Misc : WG1447392,ICAL17240
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 20 10:10:01 2020
Quant Method : I:\VOLATILES\VOA117\2020\201219A\V117_201013N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Oct 14 11:26:40 2020
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox9A\V17201219A01.D•



Attachment D

1951 Sanborn Fire Insurance Map

1951 Certified Sanborn Map

Site Name: Coyne Textile Services
Address: 140 Cortland Avenue * 207 West Taylor Street
City, ST, ZIP: Syracuse NY 13202

Client: GZA GeoEnvironmental, Inc.

EDR Inquiry: 4076895.3
Order Date: 9/24/2014 3:16:01 PM
Certification # 753F-42E0-B80E

Copyright: 1951

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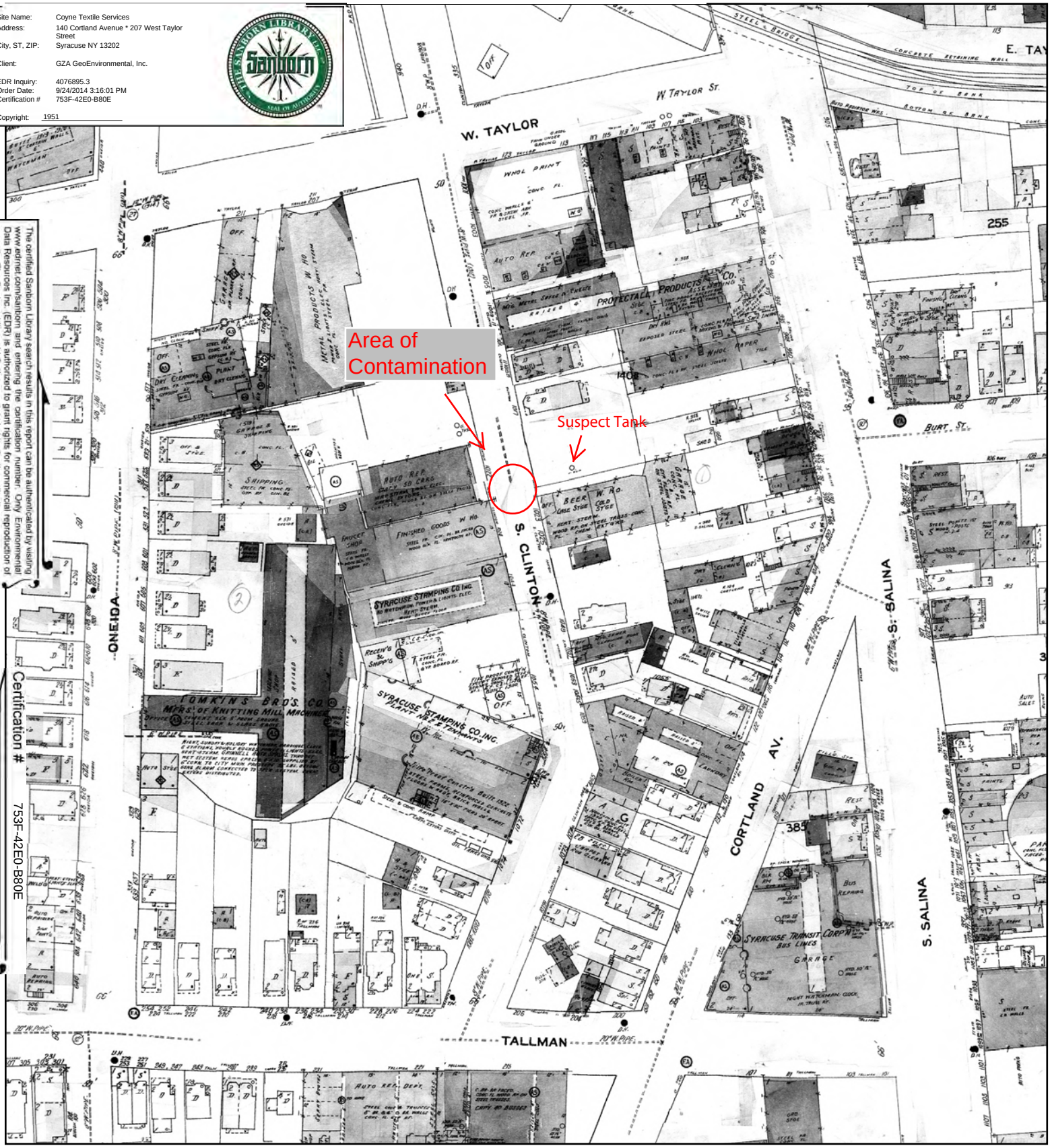
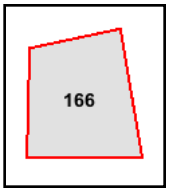
Certification # 753F-42E0-B80E



This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600



Volume 2, Sheet 166

N

APPENDIX C

Subsurface Soil Boring Logs
And
Delineation Log

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-100

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/7/2020 8:55:00 AM
FINISH DATE and TIME:	12/7/2020 9:20:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
								f.m.c. SAND and f. GRAVEL, brown, compact, moist **(FILL)**			
						2					
S1	5	2.9	0.2								
						4					
						6		**f. GRAVEL**, Some f. Sand, light brown, loose, wet **(GP)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								SILT, dark brown, medium stiff, moist **(ML)**			
S2	5	2	0.0			8					
						10					
								Silty CLAY, brown, soft, moist **(CL-ML)**			
								SILT, Some f. Gravel, grey, soft, moist **(ML)**			
						12				Collected soil sample SOIL-SB-100 from 12ft to 14ft bgs at 09:20.	
S3	5	5	0.2					**f. SAND**, grey, medium compact, moist **(SM)**			
						14					
								f.m.c. SAND and SILT, loose, saturated **(SM)**			
						16					
S4	5	5	0.0								
						18		**f. SAND**, grey, medium compact, wet **(SM)**			
								lense of f. Gravel			

End of Boring at 20 ft

V:\PROJECTS\ANY\K5\059294.001\DATA\BORING_LOGS\CLINTON-CORTLAND-SS PHASE II\BORING LOGS.GPJ

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-101

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/7/2020 9:35:00 AM
FINISH DATE and TIME:	12/7/2020 10:05:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	12-11-20	11:30	8.7		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2		**c. GRAVEL**, little c. sand, grey, loose, moist **(FILL)**			
S1	5	2.5	0.0								
						4		**f.c. GRAVEL**, Some f.m.c. Sand, grey, medium compact, moist **(FILL)**			
						6		**c. GRAVEL**, little f.m.c. sand, grey, loose, moist **(GP)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								f. SAND, tan, white, grey and black, medium compact, moist **(SP)**			
S2	5	3.8	0.0			8		**Silty CLAY**, light brown, stiff, moist **(CL-ML)**			
								becomes dark brown			
						10		**SILT**, grey, soft, moist **(ML)**			
						12		**f. SAND**, Some Silt, grey, loose, moist **(SM)**			
S3	5	4.4	0.0					wood			
						14		**f.m.c. SAND**, little gravel, grey, loose, moist **(SP)**			
								f.c. GRAVEL, little f.m.c. sand, brown, compact, moist **(GP)**			
						16		**f.m. SAND**, grey, loose, saturated **(SP)**			
S4	5	3.8	0.0			18		**f.m.c. SAND**, trace f. gravel, grey, loose, saturated **(SP)**			

End of Boring at 20 ft

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PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-102

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/7/2020 10:30:00 AM
FINISH DATE and TIME:	12/7/2020 10:55:00 AM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2					
S1	5	4.1	0.0					**f.m.c. SAND**, black and brown, compact, moist **(FILL)**			
								BRICK, red brick **(FILL)**			
						4		**f.m.c SAND**, black and brown, compact, moist **(FILL)**			
								BRICK, **(FILL)**			
								f.m.c. SAND, trace f. gravel, brown, compact, moist **(FILL)**			
						6		**Silty CLAY**, brown, stiff, moist **(CL-ML)**		Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
S2	5	1.3	0.0								
						8					
						10					
								becomes grey			
						12					
S3	5	5	0.0					**f.m. SAND**, Some Silt, grey, medium compact, moist **(SM)**			
								wood			
						14					
								Silty CLAY, grey, soft, wet **(CL-ML)**			
						16		**f. SAND**, grey, loose, saturated **(SM)**			
								m.c. SAND and f. GRAVEL, rounded, dark grey, loose, saturated **(SP)**			
S4	5	4	0.5								
						18					

End of Boring at 20 ft

V:\PROJECTS\ANY\K5\059294.001\DATA\BORING_LOGS\CLINTON-CORTLAND-SS PHASE II\BORING LOGS.GPJ

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-111

PROJECT NUMBER: 059294.001.0008500 12/20/2020

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/8/2020 11:30:00 AM
FINISH DATE and TIME:	12/8/2020 12:00:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								ASPHALT PAVEMENT, **(FILL)**			
								SUBBASE, **(FILL)**			
						2		**f. SAND**, Some Silt, orange and brown, medium compact, moist **(FILL)**			
S1	5	3.5	0.2					**Silty CLAY**, Some f. Gravel, black and brown, stiff, moist **(FILL)**			
						4				Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
								Silty CLAY, black, stiff, moist, slight petroleum odor **(FILL)**			
						6		**BRICK**, brick, metal, other debris **(FILL)**			
								Silty CLAY, black, stiff, moist **(CL-ML)**			
S2	5	3	1.6			8					
						10		**f.m.c. SAND**, Some f. Gravel, dark grey, loose, saturated **(SP)**			
								Silty CLAY, grey and white, stiff, moist, slight petroleum odor **(CL-ML)**		Collected soil sample SOIL-SB-111 from 11 ft - 13 ft bgs at 11:50.	
						12					
S3	5	4	3.4								
						14		becomes soft and wet			
						16					
S4	5	5	0.0								
						18		wood			

End of Boring at 20 ft

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-112

PROJECT NUMBER: 059294.001.0008500 12/20/2020

LOCATION:	Syracuse, New York
CLIENT:	JMA Wireless
CONTRACTOR:	NYEG Drilling
DRILLER:	J. Rauscher
INSPECTOR:	K. Ehmann
START DATE and TIME:	12/8/2020 12:50:00 PM
FINISH DATE and TIME:	12/8/2020 1:30:00 PM
SURFACE ELEV:	
CHECKED BY:	K. Ehmann

DRILL FLUID: None

DRILLING RIG:

WATER LEVEL OBSERVATIONS	DATE	TIME	WATER DEPTH (ft)	CASING BOTTOM (ft)	HOLE BOTTOM (ft)
	12-11-20	10:20	9.9		

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
								TOPSOIL, **(FILL)**			
								f. GRAVEL, Some f.m.c Sand, black and orange, compact, moist **(FILL)**			
								Silty CLAY, light brown, stiff, moist **(FILL)**			
								BRICK, **(FILL)**			
						2		**Silty CLAY**, brown, medium stiff, moist **(FILL)**			
S1	5	3.4	0.0								
						4					
								No Recovery			
						6					
S2	5	0								Soil lithology is interpreted based on soil recovery amount. The depth of fill material is estimated relative to the soil recovery amount.	
						8					
						10		**Silty CLAY**, dark brown, stiff, moist **(CL-ML)**			
						12		**SILT**, tan and grey, soft, moist **(ML)**			
S3	5	5	3.2								
						14					
						16		**f. SAND**, Some Silt, trace f. gravel, grey, medium compact, wet **(SM)**			
S4	5	4	15.2								
						18		**f.m.c. SAND**, Some f. gravel, grey, loose, wet **(SP)**			

PROJECT NUMBER: 059294.001.0008500 12/20/2020

Phase II Clinton and Cortland
SUBSURFACE LOG
HOLE NUMBER SB-112

SAMP./CORE NUMBER	SAMP. ADV. (ft) LEN. CORE (ft)	RECOVERY (ft)	PID Readings (ppm)	"N" Value or RQD%	SAMPLE	DEPTH (Feet)	GRAPHICS	DESCRIPTION AND CLASSIFICATION	ELEVATION (Feet)	Remarks on Character of Drilling, Water Return, etc.	WATER LEVELS AND/OR WELL DATA
S5	5	5	1.1			22 24		**SILT**, Some f. Sand, grey, soft, wet **(SM)** **f.m.c. SAND**, Some f. Gravel, grey, wet **(SP)** **Silty CLAY**, brown, soft, wet **(CL-ML)**			
								End of Boring at 25 ft			
						26					
						28					
						30					
						32					
						34					
						36					
						38					
						40					
						42					
						44					

CHA	PROBE LOG – DELINEATION
PROJECT & LOCATION: Phase II Cortland and S. Clinton	PROJECT NO.: 059294.001.0008500
CLIENT: GEC Consulting	DATE: 12/7/2020 – 12/10/2020
CONTRACTOR: NYEG Drilling LLC	INSPECTOR: K. Ehmann
DRILLER: Joel Rauscher	RIG TYPE/MODEL: 7822DT Geoprobe

Date	Soil Boring No.	Odors (Y/N)	Staining (Y/N)	PID Readings (ppm)	Vertical Interval Impacted (ft. bgs)	Depth Groundwater Encountered (ft. bgs)	Soil Sample Collected (Sample name, depth interval)	Comments/Other Observations
12/9/2020	SB-121	Y	Y	9 24.1	9-10 14-15	~9	SOIL-SB-121 collected from 13 – 15 ft bgs at 14:25	Slight black staining from 9 – 10 ft bgs. Odors from 13 – 16 ft bgs
12/9/2020	SB-122	N	N	0.0	N/A	~9	No Sample	No recovery 10 – 15 ft bgs. No odors in the empty macrocore
12/9/2020	SB-123	N	N	0.0	N/A	~9	No Sample	No odors or evidence of contamination through 20 ft bgs
12/9/2020	SB-124	N	N	0.2 0.0	N/A	~9	SOIL-SB-124 collected from 17 – 20 ft bgs at 15:50	Mild, indistinguishable odor at 14 ft bgs, PID = 0.2 ppm
12/10/2020	SB-125	Y	N	32.6	10-12	~9	SOIL-SB-125 collected from 10 – 12 ft bgs at 09:10	Soil fell out of macrocore upon removal from the borehole from 10 – 15 ft bgs. PID reading of soil on ground = 0.8 ppm

Date	Soil Boring No.	Odors (Y/N)	Staining (Y/N)	PID Readings (ppm)	Vertical Interval Impacted (ft. bgs)	Depth Groundwater Encountered (ft. bgs)	Soil Sample Collected (Sample name, depth interval)	Comments/Other Observations
12/10/2020	SB-126	Y	Y	25.4 57.0 395.6	9-10 12-14 15-18	~9	SOIL-SB-126 collected from 15 – 18 ft bgs at 10:30	Odors noticeable from 9 – 18 ft bgs
12/10/2020	SB-127	Y	N	5.5	14-15	~9	No Sample	Soil fell out of macrocore upon removal from the borehole from 15 -20 ft bgs. PID reading of soil on ground= 2.8 ppm
12/10/2020	SB-128	N	N	0.2 0.0	13-15 15-20	~9	SOIL-SB-128 collected from 15 – 17 ft bgs at 11:15	No evidence of contamination
12/10/2020	SB-129	Y	Y	22.7	8-10	~9	SOIL-SB-129 collected from 9 – 10 ft bgs at 12:05	No recovery 10 – 15 ft bgs

APPENDIX D

Laboratory Reports

ANALYTICAL REPORT

Lab Number:	L2054538
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Karyn Ehmann
Phone:	(315) 471-3920
Project Name:	FORMER COYNE TEXTILE
Project Number:	059294.001.0008500
Report Date:	12/29/20

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2054538-01	SOIL-SB-100	SOIL	SYRACUSE, NY	12/07/20 09:20	12/07/20
L2054538-02	SOIL-SB-105	SOIL	SYRACUSE, NY	12/07/20 13:50	12/07/20
L2054538-03	SOIL-SB-106	SOIL	SYRACUSE, NY	12/08/20 08:45	12/09/20
L2054538-04	SOIL-SB-108	SOIL	SYRACUSE, NY	12/08/20 09:40	12/09/20
L2054538-05	SOIL-SB-110	SOIL	SYRACUSE, NY	12/08/20 11:00	12/09/20
L2054538-06	SOIL-SB-111	SOIL	SYRACUSE, NY	12/08/20 11:50	12/09/20
L2054538-07	SOIL-SB-113	SOIL	SYRACUSE, NY	12/08/20 15:10	12/09/20
L2054538-08	SOIL-SB-115	SOIL	SYRACUSE, NY	12/08/20 15:45	12/09/20
L2054538-09	CHA-1	SOIL	SYRACUSE, NY	12/08/20 15:45	12/09/20
L2054538-10	SOIL-SB-116	SOIL	SYRACUSE, NY	12/09/20 08:25	12/09/20
L2054538-11	SOIL-SB-120	SOIL	SYRACUSE, NY	12/09/20 13:10	12/09/20
L2054538-12	SOIL-SB-121	SOIL	SYRACUSE, NY	12/09/20 14:25	12/09/20
L2054538-13	SOIL-SB-124	SOIL	SYRACUSE, NY	12/09/20 15:50	12/09/20
L2054538-14	SOIL-SB-125	SOIL	SYRACUSE, NY	12/10/20 09:10	12/10/20
L2054538-15	SOIL-SB-126	SOIL	SYRACUSE, NY	12/10/20 10:30	12/10/20
L2054538-16	SOIL-SB-128	SOIL	SYRACUSE, NY	12/10/20 11:15	12/10/20
L2054538-17	SOIL-SB-129	SOIL	SYRACUSE, NY	12/10/20 12:05	12/10/20
L2054538-18	SOIL-SB-130	SOIL	SYRACUSE, NY	12/10/20 13:15	12/10/20
L2054538-19	SOIL-SB-131	SOIL	SYRACUSE, NY	12/10/20 13:40	12/10/20
L2054538-20	SOIL-SB-132	SOIL	SYRACUSE, NY	12/10/20 14:05	12/10/20
L2054538-21	TMW-116	WATER	SYRACUSE, NY	12/10/20 08:15	12/11/20
L2054538-22	TMW-119	WATER	SYRACUSE, NY	12/10/20 08:30	12/11/20
L2054538-23	TMW-104	WATER	SYRACUSE, NY	12/10/20 09:10	12/11/20
L2054538-24	CHA-1	WATER	SYRACUSE, NY	12/10/20 09:00	12/11/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2054538-25	TMW-134	WATER	SYRACUSE, NY	12/10/20 09:40	12/11/20
L2054538-26	TMW-112	WATER	SYRACUSE, NY	12/10/20 10:30	12/11/20
L2054538-27	TMW-133	WATER	SYRACUSE, NY	12/10/20 11:10	12/11/20
L2054538-28	TMW-101	WATER	SYRACUSE, NY	12/10/20 11:40	12/11/20
L2054538-29	MW-5A	WATER	SYRACUSE, NY	12/11/20 13:10	12/11/20
L2054538-30	MW-6A	WATER	SYRACUSE, NY	12/10/20 13:45	12/11/20
L2054538-31	MW-7A	WATER	SYRACUSE, NY	12/10/20 14:25	12/11/20
L2054538-32	TRIP BLANK	WATER	SYRACUSE, NY	12/10/20 14:45	12/11/20
L2054538-33	SOIL-SB-134	SOIL	SYRACUSE, NY	12/10/20 15:45	12/10/20

Project Name:	FORMER COYNE TEXTILE	**Lab Number:**	L2054538
Project Number:	059294.001.0008500	**Report Date:**	12/29/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	FORMER COYNE TEXTILE	**Lab Number:**	L2054538
Project Number:	059294.001.0008500	**Report Date:**	12/29/20

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2054538-19: The collection date and time on the chain of custody was 10-DEC-20 13:45; however, the collection date/time on the container label was 10-DEC-20 13:40. At the client's request, the collection date/time is reported as 10-DEC-20 13:40.

Volatile Organics

The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene on the following samples; however, re-analysis was not performed due to coelution with an obvious interference. Copies of the chromatograms are included as an attachment to this report:

L2054538-07: 249%

L2054538-08: 135%

L2054538-14: 157%

L2054538-15: 137%

L2054538-17: 138%

L2054538-23 was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded.

WG1447743-6/-7: The MS/MSD was received in the proper acid-preserved containers; however, upon analysis, the pH was determined to be greater than 2, and thus the method required holding time was exceeded. The native sample had a pH<2; therefore, the sample was analyzed within method required holding time.

Semivolatile Organics

Case Narrative (continued)

The WG1445792-4/-5 MS/MSD recoveries, performed on L2054538-28, are below the acceptance criteria for 3,3'-dichlorobenzidine (0%/0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.
The WG1446971-4 MS/MSD recovery, performed on L2054538-11, is below the acceptance criteria for benzoic acid (0%) due to the concentration of this compound in the MS/MSD falling below the reported detection limit.

Perfluorinated Alkyl Acids by Isotope Dilution
L2054538-07 and -19: The MeOH fraction of the extraction is reported for the following compounds: Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).
L2054538-21RE: The MeOH fraction of the extraction is reported for the following compounds: Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).
L2054538-21, -25, -27, -30, and -30RE: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
WG1447583-1: The Extracted Internal Standard recovery for the Method Blank, associated with L2054538-15 and -19, is below the acceptance criteria for M8FOSA (less than 10%); however, all associated samples are non-detect for FOSA and and have an acceptable Extracted Internal Standard recovery for M8FOSA; therefore, no further actions were taken.
The WG1448033-1 Method Blank, associated with L2054538-32, has a concentration above the reporting limit for 6:2 FTS and 8:2 FTS. Since the sample was non-detect to the RL for these target analytes, no further actions were taken. The results of the original analysis are reported.
The WG1447322-2/-3 LCS/LCSD recoveries, associated with L2054538-03, -07, -10, and -13, are above the acceptance criteria for perfluorotetradecanoic acid (pfta) (142%/144%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.
The WG1447583-2/-3 LCS/LCSD recoveries, associated with L2054538-15 and -19, are above the

Project Name:	FORMER COYNE TEXTILE	**Lab Number:**	L2054538
Project Number:	059294.001.0008500	**Report Date:**	12/29/20

Case Narrative (continued)

acceptance criteria for perfluorononanesulfonic acid (pfns) (LCSD at 134%) and perfluorotetradecanoic acid (pfta) (148%/148%); however, the associated samples are non-detect to the RL for this target analyte. The results of the original analysis are reported.

The WG1447322-4 MS recovery, performed on L2054538-03, is outside the acceptance criteria for perfluorotetradecanoic acid (pfta) (141%).

WG1447322-5: The MeOH fraction of the extraction is reported for the following compounds: Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the Surrogates (Extracted Internal Standards).

Total Metals

L2054538-28: The sample has elevated detection limits for all elements, with the exception of mercury, due to the prep dilution required by the sample matrix.

The WG1447818-3/-4 MS/MSD recoveries, performed on L2054538-11, are outside the acceptance criteria for arsenic (MS 166%), chromium (MSD 73%), and lead (69%/71%). A post digestion spike was performed and was within acceptance criteria. The MS/MSD RPD for arsenic (29%) is above the acceptance criteria.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Cristin Walker

Title: Technical Director/Representative

Date: 12/29/20

ORGANICS

VOLATILES

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01
Client ID: SOIL-SB-100
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 09:20
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 13:43
Analyst: NLK
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	7.0	3.2	1
1,1-Dichloroethane	ND		ug/kg	1.4	0.20	1
Chloroform	ND		ug/kg	2.1	0.20	1
Carbon tetrachloride	ND		ug/kg	1.4	0.32	1
1,2-Dichloropropane	ND		ug/kg	1.4	0.18	1
Dibromochloromethane	ND		ug/kg	1.4	0.20	1
1,1,2-Trichloroethane	ND		ug/kg	1.4	0.37	1
Tetrachloroethene	ND		ug/kg	0.70	0.27	1
Chlorobenzene	ND		ug/kg	0.70	0.18	1
Trichlorofluoromethane	ND		ug/kg	5.6	0.98	1
1,2-Dichloroethane	ND		ug/kg	1.4	0.36	1
1,1,1-Trichloroethane	ND		ug/kg	0.70	0.23	1
Bromodichloromethane	ND		ug/kg	0.70	0.15	1
trans-1,3-Dichloropropene	ND		ug/kg	1.4	0.38	1
cis-1,3-Dichloropropene	ND		ug/kg	0.70	0.22	1
Bromoform	ND		ug/kg	5.6	0.34	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.70	0.23	1
Benzene	ND		ug/kg	0.70	0.23	1
Toluene	ND		ug/kg	1.4	0.76	1
Ethylbenzene	ND		ug/kg	1.4	0.20	1
Chloromethane	ND		ug/kg	5.6	1.3	1
Bromomethane	ND		ug/kg	2.8	0.82	1
Vinyl chloride	ND		ug/kg	1.4	0.47	1
Chloroethane	ND		ug/kg	2.8	0.63	1
1,1-Dichloroethene	ND		ug/kg	1.4	0.33	1
trans-1,2-Dichloroethene	ND		ug/kg	2.1	0.19	1
Trichloroethene	ND		ug/kg	0.70	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	2.8	0.20	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01 Date Collected: 12/07/20 09:20

Client ID: SOIL-SB-100 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.8	0.21	1
1,4-Dichlorobenzene	ND		ug/kg	2.8	0.24	1
Methyl tert butyl ether	ND		ug/kg	2.8	0.28	1
p/m-Xylene	ND		ug/kg	2.8	0.78	1
o-Xylene	ND		ug/kg	1.4	0.41	1
cis-1,2-Dichloroethene	ND		ug/kg	1.4	0.24	1
Styrene	ND		ug/kg	1.4	0.27	1
Dichlorodifluoromethane	ND		ug/kg	14	1.3	1
Acetone	42		ug/kg	14	6.7	1
Carbon disulfide	ND		ug/kg	14	6.4	1
2-Butanone	8.2	J	ug/kg	14	3.1	1
4-Methyl-2-pentanone	ND		ug/kg	14	1.8	1
2-Hexanone	ND		ug/kg	14	1.6	1
Bromochloromethane	ND		ug/kg	2.8	0.29	1
1,2-Dibromoethane	ND		ug/kg	1.4	0.39	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.2	1.4	1
Isopropylbenzene	ND		ug/kg	1.4	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.8	0.45	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.8	0.38	1
Methyl Acetate	ND		ug/kg	5.6	1.3	1
Cyclohexane	ND		ug/kg	14	0.76	1
1,4-Dioxane	ND		ug/kg	110	49.	1
Freon-113	ND		ug/kg	5.6	0.97	1
Methyl cyclohexane	ND		ug/kg	5.6	0.85	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02
Client ID: SOIL-SB-105
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 13:50
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 12:38
Analyst: MKS
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	3.8	1.7	1
1,1-Dichloroethane	ND		ug/kg	0.76	0.11	1
Chloroform	ND		ug/kg	1.1	0.10	1
Carbon tetrachloride	ND		ug/kg	0.76	0.17	1
1,2-Dichloropropane	ND		ug/kg	0.76	0.09	1
Dibromochloromethane	ND		ug/kg	0.76	0.10	1
1,1,2-Trichloroethane	ND		ug/kg	0.76	0.20	1
Tetrachloroethene	ND		ug/kg	0.38	0.15	1
Chlorobenzene	ND		ug/kg	0.38	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.0	0.52	1
1,2-Dichloroethane	ND		ug/kg	0.76	0.19	1
1,1,1-Trichloroethane	ND		ug/kg	0.38	0.13	1
Bromodichloromethane	ND		ug/kg	0.38	0.08	1
trans-1,3-Dichloropropene	ND		ug/kg	0.76	0.21	1
cis-1,3-Dichloropropene	ND		ug/kg	0.38	0.12	1
Bromoform	ND		ug/kg	3.0	0.19	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.38	0.12	1
Benzene	ND		ug/kg	0.38	0.12	1
Toluene	ND		ug/kg	0.76	0.41	1
Ethylbenzene	ND		ug/kg	0.76	0.11	1
Chloromethane	ND		ug/kg	3.0	0.70	1
Bromomethane	0.55	J	ug/kg	1.5	0.44	1
Vinyl chloride	ND		ug/kg	0.76	0.25	1
Chloroethane	ND		ug/kg	1.5	0.34	1
1,1-Dichloroethene	ND		ug/kg	0.76	0.18	1
trans-1,2-Dichloroethene	ND		ug/kg	1.1	0.10	1
Trichloroethene	ND		ug/kg	0.38	0.10	1
1,2-Dichlorobenzene	ND		ug/kg	1.5	0.11	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02 Date Collected: 12/07/20 13:50

Client ID: SOIL-SB-105 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.5	0.11	1
1,4-Dichlorobenzene	ND		ug/kg	1.5	0.13	1
Methyl tert butyl ether	ND		ug/kg	1.5	0.15	1
p/m-Xylene	ND		ug/kg	1.5	0.42	1
o-Xylene	ND		ug/kg	0.76	0.22	1
cis-1,2-Dichloroethene	ND		ug/kg	0.76	0.13	1
Styrene	ND		ug/kg	0.76	0.15	1
Dichlorodifluoromethane	ND		ug/kg	7.6	0.69	1
Acetone	ND		ug/kg	7.6	3.6	1
Carbon disulfide	ND		ug/kg	7.6	3.4	1
2-Butanone	ND		ug/kg	7.6	1.7	1
4-Methyl-2-pentanone	ND		ug/kg	7.6	0.97	1
2-Hexanone	ND		ug/kg	7.6	0.89	1
Bromochloromethane	ND		ug/kg	1.5	0.16	1
1,2-Dibromoethane	ND		ug/kg	0.76	0.21	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.3	0.76	1
Isopropylbenzene	ND		ug/kg	0.76	0.08	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.5	0.24	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.5	0.20	1
Methyl Acetate	ND		ug/kg	3.0	0.72	1
Cyclohexane	ND		ug/kg	7.6	0.41	1
1,4-Dioxane	ND		ug/kg	60	26.	1
Freon-113	ND		ug/kg	3.0	0.52	1
Methyl cyclohexane	ND		ug/kg	3.0	0.46	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	124		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	116		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 14:32
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	260	120	1
1,1-Dichloroethane	ND		ug/kg	52	7.5	1
Chloroform	ND		ug/kg	77	7.2	1
Carbon tetrachloride	ND		ug/kg	52	12.	1
1,2-Dichloropropane	ND		ug/kg	52	6.4	1
Dibromochloromethane	ND		ug/kg	52	7.2	1
1,1,2-Trichloroethane	ND		ug/kg	52	14.	1
Tetrachloroethene	ND		ug/kg	26	10.	1
Chlorobenzene	ND		ug/kg	26	6.5	1
Trichlorofluoromethane	ND		ug/kg	210	36.	1
1,2-Dichloroethane	ND		ug/kg	52	13.	1
1,1,1-Trichloroethane	ND		ug/kg	26	8.6	1
Bromodichloromethane	ND		ug/kg	26	5.6	1
trans-1,3-Dichloropropene	ND		ug/kg	52	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	26	8.1	1
Bromoform	ND		ug/kg	210	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	26	8.6	1
Benzene	83		ug/kg	26	8.6	1
Toluene	ND		ug/kg	52	28.	1
Ethylbenzene	370		ug/kg	52	7.3	1
Chloromethane	ND		ug/kg	210	48.	1
Bromomethane	ND		ug/kg	100	30.	1
Vinyl chloride	ND		ug/kg	52	17.	1
Chloroethane	ND		ug/kg	100	23.	1
1,1-Dichloroethene	ND		ug/kg	52	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	77	7.0	1
Trichloroethene	ND		ug/kg	26	7.0	1
1,2-Dichlorobenzene	ND		ug/kg	100	7.4	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03 Date Collected: 12/08/20 08:45

Client ID: SOIL-SB-106 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	100	7.6	1
1,4-Dichlorobenzene	ND		ug/kg	100	8.8	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	220		ug/kg	100	29.	1
o-Xylene	64		ug/kg	52	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	52	9.0	1
Styrene	ND		ug/kg	52	10.	1
Dichlorodifluoromethane	ND		ug/kg	520	47.	1
Acetone	ND		ug/kg	520	250	1
Carbon disulfide	ND		ug/kg	520	230	1
2-Butanone	ND		ug/kg	520	110	1
4-Methyl-2-pentanone	ND		ug/kg	520	66.	1
2-Hexanone	ND		ug/kg	520	61.	1
Bromochloromethane	ND		ug/kg	100	10.	1
1,2-Dibromoethane	ND		ug/kg	52	14.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	51.	1
Isopropylbenzene	260		ug/kg	52	5.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
Methyl Acetate	ND		ug/kg	210	49.	1
Cyclohexane	520		ug/kg	520	28.	1
1,4-Dioxane	ND		ug/kg	4100	1800	1
Freon-113	ND		ug/kg	210	36.	1
Methyl cyclohexane	2400		ug/kg	210	31.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	111		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04
Client ID: SOIL-SB-108
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 09:40
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/22/20 13:02
Analyst: MKS
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.83	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.83	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.83	0.10	1
Dibromochloromethane	ND		ug/kg	0.83	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.83	0.22	1
Tetrachloroethene	5.3		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	0.59	J	ug/kg	0.83	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	20		ug/kg	0.42	0.14	1
Toluene	27		ug/kg	0.83	0.45	1
Ethylbenzene	2.8		ug/kg	0.83	0.12	1
Chloromethane	ND		ug/kg	3.3	0.78	1
Bromomethane	ND		ug/kg	1.7	0.48	1
Vinyl chloride	ND		ug/kg	0.83	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1
Trichloroethene	ND		ug/kg	0.42	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04 Date Collected: 12/08/20 09:40

Client ID: SOIL-SB-108 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	33		ug/kg	1.7	0.46	1
o-Xylene	21		ug/kg	0.83	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.14	1
Styrene	11		ug/kg	0.83	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.76	1
Acetone	6.0	J	ug/kg	8.3	4.0	1
Carbon disulfide	ND		ug/kg	8.3	3.8	1
2-Butanone	ND		ug/kg	8.3	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	1.1	1
2-Hexanone	ND		ug/kg	8.3	0.98	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.83	0.23	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Isopropylbenzene	0.92		ug/kg	0.83	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.3	0.79	1
Cyclohexane	7.3	J	ug/kg	8.3	0.45	1
1,4-Dioxane	ND		ug/kg	66	29.	1
Freon-113	ND		ug/kg	3.3	0.58	1
Methyl cyclohexane	6.5		ug/kg	3.3	0.50	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05 D2
Client ID: SOIL-SB-110
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:00
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 16:38
Analyst: NLK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	1300	580	5
1,1-Dichloroethane	ND		ug/kg	250	37.	5
Chloroform	ND		ug/kg	380	35.	5
Carbon tetrachloride	ND		ug/kg	250	58.	5
1,2-Dichloropropane	ND		ug/kg	250	32.	5
Dibromochloromethane	ND		ug/kg	250	35.	5
1,1,2-Trichloroethane	ND		ug/kg	250	67.	5
Tetrachloroethene	ND		ug/kg	130	49.	5
Chlorobenzene	ND		ug/kg	130	32.	5
Trichlorofluoromethane	ND		ug/kg	1000	180	5
1,2-Dichloroethane	ND		ug/kg	250	65.	5
1,1,1-Trichloroethane	ND		ug/kg	130	42.	5
Bromodichloromethane	ND		ug/kg	130	28.	5
trans-1,3-Dichloropropene	ND		ug/kg	250	69.	5
cis-1,3-Dichloropropene	ND		ug/kg	130	40.	5
Bromoform	ND		ug/kg	1000	62.	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	130	42.	5
Benzene	300		ug/kg	130	42.	5
Toluene	2300		ug/kg	250	140	5
Ethylbenzene	45000		ug/kg	250	36.	5
Chloromethane	ND		ug/kg	1000	240	5
Bromomethane	ND		ug/kg	500	150	5
Vinyl chloride	ND		ug/kg	250	84.	5
Chloroethane	ND		ug/kg	500	110	5
1,1-Dichloroethene	ND		ug/kg	250	60.	5
trans-1,2-Dichloroethene	ND		ug/kg	380	34.	5
Trichloroethene	ND		ug/kg	130	34.	5
1,2-Dichlorobenzene	ND		ug/kg	500	36.	5

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05 D2 Date Collected: 12/08/20 11:00

Client ID: SOIL-SB-110 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	500	37.	5
1,4-Dichlorobenzene	ND		ug/kg	500	43.	5
Methyl tert butyl ether	ND		ug/kg	500	51.	5
p/m-Xylene	170000	E	ug/kg	500	140	5
o-Xylene	56000		ug/kg	250	73.	5
cis-1,2-Dichloroethene	ND		ug/kg	250	44.	5
Styrene	ND		ug/kg	250	49.	5
Dichlorodifluoromethane	ND		ug/kg	2500	230	5
Acetone	ND		ug/kg	2500	1200	5
Carbon disulfide	ND		ug/kg	2500	1100	5
2-Butanone	ND		ug/kg	2500	560	5
4-Methyl-2-pentanone	ND		ug/kg	2500	320	5
2-Hexanone	ND		ug/kg	2500	300	5
Bromochloromethane	ND		ug/kg	500	52.	5
1,2-Dibromoethane	ND		ug/kg	250	70.	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	760	250	5
Isopropylbenzene	4900		ug/kg	250	28.	5
1,2,3-Trichlorobenzene	ND		ug/kg	500	81.	5
1,2,4-Trichlorobenzene	ND		ug/kg	500	69.	5
Methyl Acetate	ND		ug/kg	1000	240	5
Cyclohexane	57000		ug/kg	2500	140	5
1,4-Dioxane	ND		ug/kg	20000	8900	5
Freon-113	ND		ug/kg	1000	170	5
Methyl cyclohexane	120000	E	ug/kg	1000	150	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	119		70-130
4-Bromofluorobenzene	124		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05 D
Client ID: SOIL-SB-110
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:00
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 14:57
Analyst: MKS
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
p/m-Xylene	180000		ug/kg	2000	560	20
Methyl cyclohexane	140000		ug/kg	4000	610	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	107		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06
Client ID: SOIL-SB-111
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 13:04
Analyst: MKS
Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	8.4	3.9	1
1,1-Dichloroethane	ND		ug/kg	1.7	0.24	1
Chloroform	ND		ug/kg	2.5	0.24	1
Carbon tetrachloride	ND		ug/kg	1.7	0.39	1
1,2-Dichloropropane	ND		ug/kg	1.7	0.21	1
Dibromochloromethane	ND		ug/kg	1.7	0.24	1
1,1,2-Trichloroethane	ND		ug/kg	1.7	0.45	1
Tetrachloroethene	ND		ug/kg	0.84	0.33	1
Chlorobenzene	ND		ug/kg	0.84	0.21	1
Trichlorofluoromethane	ND		ug/kg	6.8	1.2	1
1,2-Dichloroethane	ND		ug/kg	1.7	0.43	1
1,1,1-Trichloroethane	ND		ug/kg	0.84	0.28	1
Bromodichloromethane	ND		ug/kg	0.84	0.18	1
trans-1,3-Dichloropropene	ND		ug/kg	1.7	0.46	1
cis-1,3-Dichloropropene	ND		ug/kg	0.84	0.27	1
Bromoform	ND		ug/kg	6.8	0.42	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.84	0.28	1
Benzene	ND		ug/kg	0.84	0.28	1
Toluene	ND		ug/kg	1.7	0.92	1
Ethylbenzene	ND		ug/kg	1.7	0.24	1
Chloromethane	ND		ug/kg	6.8	1.6	1
Bromomethane	ND		ug/kg	3.4	0.98	1
Vinyl chloride	ND		ug/kg	1.7	0.56	1
Chloroethane	ND		ug/kg	3.4	0.76	1
1,1-Dichloroethene	ND		ug/kg	1.7	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.5	0.23	1
Trichloroethene	ND		ug/kg	0.84	0.23	1
1,2-Dichlorobenzene	ND		ug/kg	3.4	0.24	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06 Date Collected: 12/08/20 11:50

Client ID: SOIL-SB-111 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	3.4	0.25	1
1,4-Dichlorobenzene	ND		ug/kg	3.4	0.29	1
Methyl tert butyl ether	ND		ug/kg	3.4	0.34	1
p/m-Xylene	ND		ug/kg	3.4	0.94	1
o-Xylene	ND		ug/kg	1.7	0.49	1
cis-1,2-Dichloroethene	ND		ug/kg	1.7	0.30	1
Styrene	ND		ug/kg	1.7	0.33	1
Dichlorodifluoromethane	ND		ug/kg	17	1.5	1
Acetone	170		ug/kg	17	8.1	1
Carbon disulfide	ND		ug/kg	17	7.7	1
2-Butanone	46		ug/kg	17	3.7	1
4-Methyl-2-pentanone	ND		ug/kg	17	2.2	1
2-Hexanone	ND		ug/kg	17	2.0	1
Bromochloromethane	ND		ug/kg	3.4	0.35	1
1,2-Dibromoethane	ND		ug/kg	1.7	0.47	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.1	1.7	1
Isopropylbenzene	2.7		ug/kg	1.7	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.4	0.54	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.4	0.46	1
Methyl Acetate	ND		ug/kg	6.8	1.6	1
Cyclohexane	8.7	J	ug/kg	17	0.92	1
1,4-Dioxane	ND		ug/kg	140	59.	1
Freon-113	ND		ug/kg	6.8	1.2	1
Methyl cyclohexane	20		ug/kg	6.8	1.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	108		70-130
4-Bromofluorobenzene	127		70-130
Dibromofluoromethane	115		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 15:24
Analyst: NLK
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.8	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.31	1
Tetrachloroethene	ND		ug/kg	0.58	0.23	1
Chlorobenzene	ND		ug/kg	0.58	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.81	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.20	1
Bromodichloromethane	ND		ug/kg	0.58	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.58	0.18	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.58	0.19	1
Benzene	ND		ug/kg	0.58	0.19	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.16	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.3	0.68	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
Chloroethane	ND		ug/kg	2.3	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.3	0.17	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07 Date Collected: 12/08/20 15:10

Client ID: SOIL-SB-113 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.3	0.17	1
1,4-Dichlorobenzene	ND		ug/kg	2.3	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.3	0.24	1
p/m-Xylene	ND		ug/kg	2.3	0.66	1
o-Xylene	0.49	J	ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	32		ug/kg	12	5.6	1
Carbon disulfide	ND		ug/kg	12	5.3	1
2-Butanone	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.3	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	54		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.3	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.3	0.32	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	2.0	J	ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	94	41.	1
Freon-113	ND		ug/kg	4.7	0.81	1
Methyl cyclohexane	22		ug/kg	4.7	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	118		70-130
4-Bromofluorobenzene	**249**	Q	70-130
Dibromofluoromethane	112		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08
Client ID: SOIL-SB-115
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 16:13
Analyst: NLK
Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	550	250	1
1,1-Dichloroethane	ND		ug/kg	110	16.	1
Chloroform	ND		ug/kg	160	15.	1
Carbon tetrachloride	ND		ug/kg	110	25.	1
1,2-Dichloropropane	ND		ug/kg	110	14.	1
Dibromochloromethane	ND		ug/kg	110	15.	1
1,1,2-Trichloroethane	ND		ug/kg	110	29.	1
Tetrachloroethene	ND		ug/kg	55	22.	1
Chlorobenzene	ND		ug/kg	55	14.	1
Trichlorofluoromethane	ND		ug/kg	440	76.	1
1,2-Dichloroethane	ND		ug/kg	110	28.	1
1,1,1-Trichloroethane	ND		ug/kg	55	18.	1
Bromodichloromethane	ND		ug/kg	55	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	110	30.	1
cis-1,3-Dichloropropene	ND		ug/kg	55	17.	1
Bromoform	ND		ug/kg	440	27.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	55	18.	1
Benzene	ND		ug/kg	55	18.	1
Toluene	ND		ug/kg	110	60.	1
Ethylbenzene	ND		ug/kg	110	16.	1
Chloromethane	ND		ug/kg	440	100	1
Bromomethane	ND		ug/kg	220	64.	1
Vinyl chloride	ND		ug/kg	110	37.	1
Chloroethane	ND		ug/kg	220	50.	1
1,1-Dichloroethene	ND		ug/kg	110	26.	1
trans-1,2-Dichloroethene	ND		ug/kg	160	15.	1
Trichloroethene	ND		ug/kg	55	15.	1
1,2-Dichlorobenzene	ND		ug/kg	220	16.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08 Date Collected: 12/08/20 15:45

Client ID: SOIL-SB-115 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	220	16.	1
1,4-Dichlorobenzene	ND		ug/kg	220	19.	1
Methyl tert butyl ether	ND		ug/kg	220	22.	1
p/m-Xylene	90	J	ug/kg	220	62.	1
o-Xylene	ND		ug/kg	110	32.	1
cis-1,2-Dichloroethene	ND		ug/kg	110	19.	1
Styrene	ND		ug/kg	110	22.	1
Dichlorodifluoromethane	ND		ug/kg	1100	100	1
Acetone	ND		ug/kg	1100	530	1
Carbon disulfide	ND		ug/kg	1100	500	1
2-Butanone	ND		ug/kg	1100	240	1
4-Methyl-2-pentanone	ND		ug/kg	1100	140	1
2-Hexanone	ND		ug/kg	1100	130	1
Bromochloromethane	ND		ug/kg	220	22.	1
1,2-Dibromoethane	ND		ug/kg	110	31.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	330	110	1
Isopropylbenzene	910		ug/kg	110	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	220	35.	1
1,2,4-Trichlorobenzene	ND		ug/kg	220	30.	1
Methyl Acetate	900		ug/kg	440	100	1
Cyclohexane	6400		ug/kg	1100	60.	1
1,4-Dioxane	ND		ug/kg	8800	3900	1
Freon-113	ND		ug/kg	440	76.	1
Methyl cyclohexane	33000		ug/kg	440	66.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	128		70-130
4-Bromofluorobenzene	**135**	Q	70-130
Dibromofluoromethane	108		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D2
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 15:49
Analyst: NLK
Percent Solids: 59%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methyl cyclohexane	150000		ug/kg	4800	720	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	110		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	110		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:11
Analyst: MKS
Percent Solids: 59%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	2400	1100	4
1,1-Dichloroethane	ND		ug/kg	480	70.	4
Chloroform	ND		ug/kg	720	67.	4
Carbon tetrachloride	ND		ug/kg	480	110	4
1,2-Dichloropropane	ND		ug/kg	480	60.	4
Dibromochloromethane	ND		ug/kg	480	67.	4
1,1,2-Trichloroethane	ND		ug/kg	480	130	4
Tetrachloroethene	ND		ug/kg	240	94.	4
Chlorobenzene	ND		ug/kg	240	61.	4
Trichlorofluoromethane	ND		ug/kg	1900	330	4
1,2-Dichloroethane	ND		ug/kg	480	120	4
1,1,1-Trichloroethane	ND		ug/kg	240	80.	4
Bromodichloromethane	ND		ug/kg	240	52.	4
trans-1,3-Dichloropropene	ND		ug/kg	480	130	4
cis-1,3-Dichloropropene	ND		ug/kg	240	76.	4
Bromoform	ND		ug/kg	1900	120	4
1,1,2,2-Tetrachloroethane	ND		ug/kg	240	80.	4
Benzene	ND		ug/kg	240	80.	4
Toluene	ND		ug/kg	480	260	4
Ethylbenzene	180	J	ug/kg	480	68.	4
Chloromethane	ND		ug/kg	1900	450	4
Bromomethane	ND		ug/kg	960	280	4
Vinyl chloride	ND		ug/kg	480	160	4
Chloroethane	ND		ug/kg	960	220	4
1,1-Dichloroethene	ND		ug/kg	480	110	4
trans-1,2-Dichloroethene	ND		ug/kg	720	66.	4
Trichloroethene	ND		ug/kg	240	66.	4
1,2-Dichlorobenzene	ND		ug/kg	960	69.	4

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D Date Collected: 12/08/20 15:45

Client ID: CHA-1 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	960	71.	4
1,4-Dichlorobenzene	ND		ug/kg	960	82.	4
Methyl tert butyl ether	ND		ug/kg	960	97.	4
p/m-Xylene	ND		ug/kg	960	270	4
o-Xylene	ND		ug/kg	480	140	4
cis-1,2-Dichloroethene	ND		ug/kg	480	84.	4
Styrene	ND		ug/kg	480	94.	4
Dichlorodifluoromethane	ND		ug/kg	4800	440	4
Acetone	ND		ug/kg	4800	2300	4
Carbon disulfide	ND		ug/kg	4800	2200	4
2-Butanone	ND		ug/kg	4800	1100	4
4-Methyl-2-pentanone	ND		ug/kg	4800	620	4
2-Hexanone	ND		ug/kg	4800	570	4
Bromochloromethane	ND		ug/kg	960	99.	4
1,2-Dibromoethane	ND		ug/kg	480	130	4
1,2-Dibromo-3-chloropropane	ND		ug/kg	1400	480	4
Isopropylbenzene	2600		ug/kg	480	52.	4
1,2,3-Trichlorobenzene	ND		ug/kg	960	160	4
1,2,4-Trichlorobenzene	ND		ug/kg	960	130	4
Methyl Acetate	ND		ug/kg	1900	460	4
Cyclohexane	41000		ug/kg	4800	260	4
1,4-Dioxane	ND		ug/kg	38000	17000	4
Freon-113	ND		ug/kg	1900	330	4
Methyl cyclohexane	170000	E	ug/kg	1900	290	4

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	117		70-130
4-Bromofluorobenzene	126		70-130
Dibromofluoromethane	110		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 13:17
Analyst: NLK
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10 Date Collected: 12/09/20 08:25

Client ID: SOIL-SB-116 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
Methyl Acetate	1.2	J	ug/kg	4.1	0.97	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	82	36.	1
Freon-113	ND		ug/kg	4.1	0.71	1
Methyl cyclohexane	ND		ug/kg	4.1	0.62	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11
Client ID: SOIL-SB-120
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 13:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:39
Analyst: MKS
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.87	0.12	1
Chloroform	0.12	J	ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.87	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.87	0.11	1
Dibromochloromethane	ND		ug/kg	0.87	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.87	0.23	1
Tetrachloroethene	0.23	J	ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.87	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.43	0.14	1
Bromodichloromethane	ND		ug/kg	0.43	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.87	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.5	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	6.9		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.87	0.47	1
Ethylbenzene	ND		ug/kg	0.87	0.12	1
Chloromethane	ND		ug/kg	3.5	0.81	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.87	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.87	0.21	1
trans-1,2-Dichloroethene	0.52	J	ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11 Date Collected: 12/09/20 13:10

Client ID: SOIL-SB-120 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.87	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.87	0.15	1
Styrene	ND		ug/kg	0.87	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.7	0.79	1
Acetone	8.7		ug/kg	8.7	4.2	1
Carbon disulfide	4.1	J	ug/kg	8.7	3.9	1
2-Butanone	ND		ug/kg	8.7	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.7	1.1	1
2-Hexanone	ND		ug/kg	8.7	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.87	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Isopropylbenzene	ND		ug/kg	0.87	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.24	1
Methyl Acetate	ND		ug/kg	3.5	0.82	1
Cyclohexane	ND		ug/kg	8.7	0.47	1
1,4-Dioxane	ND		ug/kg	69	30.	1
Freon-113	ND		ug/kg	3.5	0.60	1
Methyl cyclohexane	ND		ug/kg	3.5	0.52	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12
Client ID: SOIL-SB-121
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 14:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 12:51
Analyst: NLK
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.33	1
Tetrachloroethene	ND		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.16	1
Trichlorofluoromethane	ND		ug/kg	4.9	0.85	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.32	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.34	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.9	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.67	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.9	1.1	1
Bromomethane	ND		ug/kg	2.4	0.71	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.18	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12 Date Collected: 12/09/20 14:25

Client ID: SOIL-SB-121 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.25	1
p/m-Xylene	ND		ug/kg	2.4	0.69	1
o-Xylene	ND		ug/kg	1.2	0.36	1
cis-1,2-Dichloroethene	0.25	J	ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	46		ug/kg	12	5.9	1
Carbon disulfide	ND		ug/kg	12	5.6	1
2-Butanone	9.6	J	ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.7	1.2	1
Isopropylbenzene	5.8		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.40	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.9	1.2	1
Cyclohexane	ND		ug/kg	12	0.67	1
1,4-Dioxane	ND		ug/kg	98	43.	1
Freon-113	ND		ug/kg	4.9	0.85	1
Methyl cyclohexane	2.3	J	ug/kg	4.9	0.74	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 12:25
Analyst: NLK
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	0.18	J	ug/kg	0.45	0.18	1
Chlorobenzene	0.97		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	0.38	J	ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	0.82	J	ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	0.39	J	ug/kg	1.8	0.13	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13 Date Collected: 12/09/20 15:50

Client ID: SOIL-SB-124 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	0.25	J	ug/kg	0.91	0.16	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	4.6	J	ug/kg	9.1	4.4	1
Carbon disulfide	7.3	J	ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
Methyl Acetate	1.3	J	ug/kg	3.6	0.86	1
Cyclohexane	ND		ug/kg	9.1	0.49	1
1,4-Dioxane	ND		ug/kg	73	32.	1
Freon-113	ND		ug/kg	3.6	0.63	1
Methyl cyclohexane	ND		ug/kg	3.6	0.55	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	92		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	102		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14
Client ID: SOIL-SB-125
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/20/20 11:59
Analyst: NLK
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.7	3.1	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	2.0	0.19	1
Carbon tetrachloride	ND		ug/kg	1.3	0.31	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.17	1
Dibromochloromethane	ND		ug/kg	1.3	0.19	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.36	1
Tetrachloroethene	0.43	J	ug/kg	0.67	0.26	1
Chlorobenzene	ND		ug/kg	0.67	0.17	1
Trichlorofluoromethane	ND		ug/kg	5.4	0.93	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.34	1
1,1,1-Trichloroethane	ND		ug/kg	0.67	0.22	1
Bromodichloromethane	ND		ug/kg	0.67	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.36	1
cis-1,3-Dichloropropene	ND		ug/kg	0.67	0.21	1
Bromoform	ND		ug/kg	5.4	0.33	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.67	0.22	1
Benzene	ND		ug/kg	0.67	0.22	1
Toluene	ND		ug/kg	1.3	0.73	1
Ethylbenzene	ND		ug/kg	1.3	0.19	1
Chloromethane	ND		ug/kg	5.4	1.2	1
Bromomethane	ND		ug/kg	2.7	0.78	1
Vinyl chloride	ND		ug/kg	1.3	0.45	1
Chloroethane	ND		ug/kg	2.7	0.60	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.32	1
trans-1,2-Dichloroethene	ND		ug/kg	2.0	0.18	1
Trichloroethene	ND		ug/kg	0.67	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.7	0.19	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14 Date Collected: 12/10/20 09:10

Client ID: SOIL-SB-125 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.7	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	2.7	0.23	1
Methyl tert butyl ether	ND		ug/kg	2.7	0.27	1
p/m-Xylene	ND		ug/kg	2.7	0.75	1
o-Xylene	ND		ug/kg	1.3	0.39	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.23	1
Styrene	ND		ug/kg	1.3	0.26	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	32		ug/kg	13	6.4	1
Carbon disulfide	ND		ug/kg	13	6.1	1
2-Butanone	4.9	J	ug/kg	13	3.0	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.7	1
2-Hexanone	ND		ug/kg	13	1.6	1
Bromochloromethane	ND		ug/kg	2.7	0.27	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.37	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	4.0	1.3	1
Isopropylbenzene	0.16	J	ug/kg	1.3	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.7	0.43	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.7	0.36	1
Methyl Acetate	ND		ug/kg	5.4	1.3	1
Cyclohexane	ND		ug/kg	13	0.73	1
1,4-Dioxane	ND		ug/kg	110	47.	1
Freon-113	ND		ug/kg	5.4	0.93	1
Methyl cyclohexane	ND		ug/kg	5.4	0.81	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	90		70-130
4-Bromofluorobenzene	**157**	Q	70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:37
Analyst: MKS
Percent Solids: 61%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	540	240	1
1,1-Dichloroethane	ND		ug/kg	110	16.	1
Chloroform	ND		ug/kg	160	15.	1
Carbon tetrachloride	ND		ug/kg	110	25.	1
1,2-Dichloropropane	ND		ug/kg	110	13.	1
Dibromochloromethane	ND		ug/kg	110	15.	1
1,1,2-Trichloroethane	ND		ug/kg	110	29.	1
Tetrachloroethene	4300		ug/kg	54	21.	1
Chlorobenzene	ND		ug/kg	54	14.	1
Trichlorofluoromethane	ND		ug/kg	430	74.	1
1,2-Dichloroethane	ND		ug/kg	110	28.	1
1,1,1-Trichloroethane	ND		ug/kg	54	18.	1
Bromodichloromethane	ND		ug/kg	54	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	110	29.	1
cis-1,3-Dichloropropene	ND		ug/kg	54	17.	1
Bromoform	ND		ug/kg	430	26.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	54	18.	1
Benzene	ND		ug/kg	54	18.	1
Toluene	ND		ug/kg	110	58.	1
Ethylbenzene	ND		ug/kg	110	15.	1
Chloromethane	ND		ug/kg	430	100	1
Bromomethane	ND		ug/kg	210	62.	1
Vinyl chloride	ND		ug/kg	110	36.	1
Chloroethane	ND		ug/kg	210	48.	1
1,1-Dichloroethene	ND		ug/kg	110	25.	1
trans-1,2-Dichloroethene	ND		ug/kg	160	15.	1
Trichloroethene	650		ug/kg	54	15.	1
1,2-Dichlorobenzene	76	J	ug/kg	210	15.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15 Date Collected: 12/10/20 10:30

Client ID: SOIL-SB-126 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	210	16.	1
1,4-Dichlorobenzene	ND		ug/kg	210	18.	1
Methyl tert butyl ether	ND		ug/kg	210	22.	1
p/m-Xylene	82	J	ug/kg	210	60.	1
o-Xylene	ND		ug/kg	110	31.	1
cis-1,2-Dichloroethene	8900		ug/kg	110	19.	1
Styrene	ND		ug/kg	110	21.	1
Dichlorodifluoromethane	ND		ug/kg	1100	98.	1
Acetone	ND		ug/kg	1100	520	1
Carbon disulfide	ND		ug/kg	1100	490	1
2-Butanone	ND		ug/kg	1100	240	1
4-Methyl-2-pentanone	ND		ug/kg	1100	140	1
2-Hexanone	ND		ug/kg	1100	130	1
Bromochloromethane	ND		ug/kg	210	22.	1
1,2-Dibromoethane	ND		ug/kg	110	30.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	320	110	1
Isopropylbenzene	170		ug/kg	110	12.	1
1,2,3-Trichlorobenzene	ND		ug/kg	210	34.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	29.	1
Methyl Acetate	540		ug/kg	430	100	1
Cyclohexane	ND		ug/kg	1100	58.	1
1,4-Dioxane	ND		ug/kg	8600	3800	1
Freon-113	ND		ug/kg	430	74.	1
Methyl cyclohexane	ND		ug/kg	430	64.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	**137**	Q	70-130
Dibromofluoromethane	109		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16
Client ID: SOIL-SB-128
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 14:30
Analyst: MKS
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	0.90		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	1.6		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	0.75	J	ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16 Date Collected: 12/10/20 11:15

Client ID: SOIL-SB-128 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	0.30	J	ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	31		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	4.5	J	ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
Methyl Acetate	ND		ug/kg	4.7	1.1	1
Cyclohexane	ND		ug/kg	12	0.64	1
1,4-Dioxane	ND		ug/kg	95	42.	1
Freon-113	ND		ug/kg	4.7	0.82	1
Methyl cyclohexane	ND		ug/kg	4.7	0.71	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17
Client ID: SOIL-SB-129
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 12:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 14:56
Analyst: MKS
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17 Date Collected: 12/10/20 12:05

Client ID: SOIL-SB-129 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	92		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	20		ug/kg	12	2.7	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
Methyl Acetate	ND		ug/kg	4.8	1.2	1
Cyclohexane	ND		ug/kg	12	0.66	1
1,4-Dioxane	ND		ug/kg	97	42.	1
Freon-113	ND		ug/kg	4.8	0.84	1
Methyl cyclohexane	0.84	J	ug/kg	4.8	0.73	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	91		70-130
4-Bromofluorobenzene	**138**	Q	70-130
Dibromofluoromethane	104		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18
Client ID: SOIL-SB-130
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 15:22
Analyst: MKS
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	2.5	J	ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	0.13	J	ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18 Date Collected: 12/10/20 13:15

Client ID: SOIL-SB-130 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	0.28	J	ug/kg	0.95	0.17	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	11		ug/kg	9.5	4.6	1
Carbon disulfide	5.0	J	ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.90	1
Cyclohexane	ND		ug/kg	9.5	0.52	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	103		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 15:47
Analyst: MKS
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	1.0		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	0.32	J	ug/kg	1.5	0.14	1
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19 Date Collected: 12/10/20 13:40

Client ID: SOIL-SB-131 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	37		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	6.0	J	ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
Methyl Acetate	ND		ug/kg	4.1	0.96	1
Cyclohexane	1.1	J	ug/kg	10	0.55	1
1,4-Dioxane	ND		ug/kg	81	36.	1
Freon-113	ND		ug/kg	4.1	0.70	1
Methyl cyclohexane	ND		ug/kg	4.1	0.61	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20
Client ID: SOIL-SB-132
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:13
Analyst: MKS
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	2.4	J	ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.85	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.85	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.85	0.11	1
Dibromochloromethane	ND		ug/kg	0.85	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.85	0.23	1
Tetrachloroethene	ND		ug/kg	0.42	0.17	1
Chlorobenzene	0.34	J	ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.59	1
1,2-Dichloroethane	ND		ug/kg	0.85	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	0.14	J	ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.85	0.46	1
Ethylbenzene	ND		ug/kg	0.85	0.12	1
Chloromethane	ND		ug/kg	3.4	0.79	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.85	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.85	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20 Date Collected: 12/10/20 14:05

Client ID: SOIL-SB-132 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.85	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.85	0.15	1
Styrene	ND		ug/kg	0.85	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.5	0.78	1
Acetone	21		ug/kg	8.5	4.1	1
Carbon disulfide	5.7	J	ug/kg	8.5	3.9	1
2-Butanone	ND		ug/kg	8.5	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	1.1	1
2-Hexanone	ND		ug/kg	8.5	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.85	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.85	1
Isopropylbenzene	ND		ug/kg	0.85	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	1.6	J	ug/kg	3.4	0.81	1
Cyclohexane	ND		ug/kg	8.5	0.46	1
1,4-Dioxane	ND		ug/kg	68	30.	1
Freon-113	ND		ug/kg	3.4	0.59	1
Methyl cyclohexane	ND		ug/kg	3.4	0.51	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 12:44
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 Date Collected: 12/10/20 08:15

Client ID: TMW-116 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22
Client ID: TMW-119
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 13:07
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	0.21	J	ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	0.14	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22 Date Collected: 12/10/20 08:30

Client ID: TMW-119 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	2.8	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.4	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23
Client ID: TMW-104
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 13:30
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	0.76	J	ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23 Date Collected: 12/10/20 09:10

Client ID: TMW-104 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:00
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 14:39
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	0.26	J	ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	1.2	J	ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24 Date Collected: 12/10/20 09:00

Client ID: CHA-1 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	94		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 14:16
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	1.2	J	ug/l	2.5	0.70	1
Vinyl chloride	0.08	J	ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25 Date Collected: 12/10/20 09:40

Client ID: TMW-134 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	9.2	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	10		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	93		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26 D
Client ID: TMW-112
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/18/20 13:53
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	12	3.5	5
1,1-Dichloroethane	ND		ug/l	12	3.5	5
Chloroform	ND		ug/l	12	3.5	5
Carbon tetrachloride	ND		ug/l	2.5	0.67	5
1,2-Dichloropropane	ND		ug/l	5.0	0.68	5
Dibromochloromethane	ND		ug/l	2.5	0.74	5
1,1,2-Trichloroethane	ND		ug/l	7.5	2.5	5
Tetrachloroethene	0.92	J	ug/l	2.5	0.90	5
Chlorobenzene	ND		ug/l	12	3.5	5
Trichlorofluoromethane	ND		ug/l	12	3.5	5
1,2-Dichloroethane	ND		ug/l	2.5	0.66	5
1,1,1-Trichloroethane	ND		ug/l	12	3.5	5
Bromodichloromethane	ND		ug/l	2.5	0.96	5
trans-1,3-Dichloropropene	ND		ug/l	2.5	0.82	5
cis-1,3-Dichloropropene	ND		ug/l	2.5	0.72	5
Bromoform	ND		ug/l	10	3.2	5
1,1,2,2-Tetrachloroethane	ND		ug/l	2.5	0.84	5
Benzene	0.88	J	ug/l	2.5	0.80	5
Toluene	ND		ug/l	12	3.5	5
Ethylbenzene	ND		ug/l	12	3.5	5
Chloromethane	ND		ug/l	12	3.5	5
Bromomethane	6.6	J	ug/l	12	3.5	5
Vinyl chloride	680		ug/l	5.0	0.36	5
Chloroethane	ND		ug/l	12	3.5	5
1,1-Dichloroethene	1.3	J	ug/l	2.5	0.84	5
trans-1,2-Dichloroethene	6.5	J	ug/l	12	3.5	5
Trichloroethene	ND		ug/l	2.5	0.88	5
1,2-Dichlorobenzene	ND		ug/l	12	3.5	5

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26 D
Client ID: TMW-112
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	12	3.5	5
1,4-Dichlorobenzene	ND		ug/l	12	3.5	5
Methyl tert butyl ether	ND		ug/l	12	3.5	5
p/m-Xylene	ND		ug/l	12	3.5	5
o-Xylene	ND		ug/l	12	3.5	5
cis-1,2-Dichloroethene	540		ug/l	12	3.5	5
Styrene	ND		ug/l	12	3.5	5
Dichlorodifluoromethane	ND		ug/l	25	5.0	5
Acetone	ND		ug/l	25	7.3	5
Carbon disulfide	ND		ug/l	25	5.0	5
2-Butanone	ND		ug/l	25	9.7	5
4-Methyl-2-pentanone	ND		ug/l	25	5.0	5
2-Hexanone	ND		ug/l	25	5.0	5
Bromochloromethane	ND		ug/l	12	3.5	5
1,2-Dibromoethane	ND		ug/l	10	3.2	5
1,2-Dibromo-3-chloropropane	ND		ug/l	12	3.5	5
Isopropylbenzene	9.3	J	ug/l	12	3.5	5
1,2,3-Trichlorobenzene	ND		ug/l	12	3.5	5
1,2,4-Trichlorobenzene	ND		ug/l	12	3.5	5
Methyl Acetate	ND		ug/l	10	1.2	5
Cyclohexane	ND		ug/l	50	1.4	5
1,4-Dioxane	ND		ug/l	1200	300	5
Freon-113	ND		ug/l	12	3.5	5
Methyl cyclohexane	ND		ug/l	50	2.0	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 D
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:50
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethane	ND		ug/l	6.2	1.8	2.5
Chloroform	ND		ug/l	6.2	1.8	2.5
Carbon tetrachloride	ND		ug/l	1.2	0.34	2.5
1,2-Dichloropropane	ND		ug/l	2.5	0.34	2.5
Dibromochloromethane	ND		ug/l	1.2	0.37	2.5
1,1,2-Trichloroethane	ND		ug/l	3.8	1.2	2.5
Tetrachloroethene	2.6		ug/l	1.2	0.45	2.5
Chlorobenzene	ND		ug/l	6.2	1.8	2.5
Trichlorofluoromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dichloroethane	ND		ug/l	1.2	0.33	2.5
1,1,1-Trichloroethane	ND		ug/l	6.2	1.8	2.5
Bromodichloromethane	ND		ug/l	1.2	0.48	2.5
trans-1,3-Dichloropropene	ND		ug/l	1.2	0.41	2.5
cis-1,3-Dichloropropene	ND		ug/l	1.2	0.36	2.5
Bromoform	ND		ug/l	5.0	1.6	2.5
1,1,2,2-Tetrachloroethane	ND		ug/l	1.2	0.42	2.5
Benzene	ND		ug/l	1.2	0.40	2.5
Toluene	ND		ug/l	6.2	1.8	2.5
Ethylbenzene	ND		ug/l	6.2	1.8	2.5
Chloromethane	ND		ug/l	6.2	1.8	2.5
Bromomethane	ND		ug/l	6.2	1.8	2.5
Vinyl chloride	44		ug/l	2.5	0.18	2.5
Chloroethane	ND		ug/l	6.2	1.8	2.5
1,1-Dichloroethene	0.56	J	ug/l	1.2	0.42	2.5
trans-1,2-Dichloroethene	2.9	J	ug/l	6.2	1.8	2.5
Trichloroethene	2.3		ug/l	1.2	0.44	2.5
1,2-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 D Date Collected: 12/10/20 11:10

Client ID: TMW-133 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,4-Dichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl tert butyl ether	ND		ug/l	6.2	1.8	2.5
p/m-Xylene	ND		ug/l	6.2	1.8	2.5
o-Xylene	ND		ug/l	6.2	1.8	2.5
cis-1,2-Dichloroethene	240		ug/l	6.2	1.8	2.5
Styrene	ND		ug/l	6.2	1.8	2.5
Dichlorodifluoromethane	ND		ug/l	12	2.5	2.5
Acetone	ND		ug/l	12	3.6	2.5
Carbon disulfide	ND		ug/l	12	2.5	2.5
2-Butanone	ND		ug/l	12	4.8	2.5
4-Methyl-2-pentanone	ND		ug/l	12	2.5	2.5
2-Hexanone	ND		ug/l	12	2.5	2.5
Bromochloromethane	ND		ug/l	6.2	1.8	2.5
1,2-Dibromoethane	ND		ug/l	5.0	1.6	2.5
1,2-Dibromo-3-chloropropane	ND		ug/l	6.2	1.8	2.5
Isopropylbenzene	ND		ug/l	6.2	1.8	2.5
1,2,3-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
1,2,4-Trichlorobenzene	ND		ug/l	6.2	1.8	2.5
Methyl Acetate	ND		ug/l	5.0	0.58	2.5
Cyclohexane	ND		ug/l	25	0.68	2.5
1,4-Dioxane	ND		ug/l	620	150	2.5
Freon-113	ND		ug/l	6.2	1.8	2.5
Methyl cyclohexane	ND		ug/l	25	0.99	2.5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28
Client ID: TMW-101
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 12:50
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	0.72	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	5.4		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	23		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.2		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.92	J	ug/l	2.5	0.70	1
Trichloroethene	2.7		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28 Date Collected: 12/10/20 11:40

Client ID: TMW-101 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	3.1		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	5.5		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	116		70-130
Dibromofluoromethane	91		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29
Client ID: MW-5A
Sample Location: SYRACUSE, NY

Date Collected: 12/11/20 13:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:27
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	160		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	1.7		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	0.70	J	ug/l	2.5	0.70	1
Trichloroethene	29		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29 Date Collected: 12/11/20 13:10

Client ID: MW-5A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	22		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	111		70-130
Dibromofluoromethane	94		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 D
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 17:13
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	50	14.	20
1,1-Dichloroethane	ND		ug/l	50	14.	20
Chloroform	ND		ug/l	50	14.	20
Carbon tetrachloride	ND		ug/l	10	2.7	20
1,2-Dichloropropane	ND		ug/l	20	2.7	20
Dibromochloromethane	ND		ug/l	10	3.0	20
1,1,2-Trichloroethane	ND		ug/l	30	10.	20
Tetrachloroethene	5.8	J	ug/l	10	3.6	20
Chlorobenzene	ND		ug/l	50	14.	20
Trichlorofluoromethane	ND		ug/l	50	14.	20
1,2-Dichloroethane	ND		ug/l	10	2.6	20
1,1,1-Trichloroethane	ND		ug/l	50	14.	20
Bromodichloromethane	ND		ug/l	10	3.8	20
trans-1,3-Dichloropropene	ND		ug/l	10	3.3	20
cis-1,3-Dichloropropene	ND		ug/l	10	2.9	20
Bromoform	ND		ug/l	40	13.	20
1,1,2,2-Tetrachloroethane	ND		ug/l	10	3.3	20
Benzene	ND		ug/l	10	3.2	20
Toluene	ND		ug/l	50	14.	20
Ethylbenzene	ND		ug/l	50	14.	20
Chloromethane	ND		ug/l	50	14.	20
Bromomethane	14	J	ug/l	50	14.	20
Vinyl chloride	1000		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	8.2	J	ug/l	10	3.4	20
trans-1,2-Dichloroethene	130		ug/l	50	14.	20
Trichloroethene	96		ug/l	10	3.5	20
1,2-Dichlorobenzene	ND		ug/l	50	14.	20

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 D Date Collected: 12/10/20 13:45

Client ID: MW-6A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	50	14.	20
1,4-Dichlorobenzene	ND		ug/l	50	14.	20
Methyl tert butyl ether	ND		ug/l	50	14.	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	2200		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	ND		ug/l	100	29.	20
Carbon disulfide	ND		ug/l	100	20.	20
2-Butanone	ND		ug/l	100	39.	20
4-Methyl-2-pentanone	ND		ug/l	100	20.	20
2-Hexanone	ND		ug/l	100	20.	20
Bromochloromethane	ND		ug/l	50	14.	20
1,2-Dibromoethane	ND		ug/l	40	13.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
1,2,3-Trichlorobenzene	ND		ug/l	50	14.	20
1,2,4-Trichlorobenzene	ND		ug/l	50	14.	20
Methyl Acetate	ND		ug/l	40	4.7	20
Cyclohexane	ND		ug/l	200	5.4	20
1,4-Dioxane	ND		ug/l	5000	1200	20
Freon-113	ND		ug/l	50	14.	20
Methyl cyclohexane	ND		ug/l	200	7.9	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31 D
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 17:36
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	25	7.0	10
1,1-Dichloroethane	ND		ug/l	25	7.0	10
Chloroform	ND		ug/l	25	7.0	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
1,2-Dichloropropane	ND		ug/l	10	1.4	10
Dibromochloromethane	ND		ug/l	5.0	1.5	10
1,1,2-Trichloroethane	ND		ug/l	15	5.0	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	25	7.0	10
Trichlorofluoromethane	ND		ug/l	25	7.0	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
1,1,1-Trichloroethane	ND		ug/l	25	7.0	10
Bromodichloromethane	ND		ug/l	5.0	1.9	10
trans-1,3-Dichloropropene	ND		ug/l	5.0	1.6	10
cis-1,3-Dichloropropene	ND		ug/l	5.0	1.4	10
Bromoform	ND		ug/l	20	6.5	10
1,1,2,2-Tetrachloroethane	ND		ug/l	5.0	1.7	10
Benzene	ND		ug/l	5.0	1.6	10
Toluene	ND		ug/l	25	7.0	10
Ethylbenzene	ND		ug/l	25	7.0	10
Chloromethane	ND		ug/l	25	7.0	10
Bromomethane	7.5	J	ug/l	25	7.0	10
Vinyl chloride	910		ug/l	10	0.71	10
Chloroethane	ND		ug/l	25	7.0	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
trans-1,2-Dichloroethene	ND		ug/l	25	7.0	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,2-Dichlorobenzene	ND		ug/l	25	7.0	10

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31 D
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	25	7.0	10
1,4-Dichlorobenzene	ND		ug/l	25	7.0	10
Methyl tert butyl ether	ND		ug/l	25	7.0	10
p/m-Xylene	ND		ug/l	25	7.0	10
o-Xylene	ND		ug/l	25	7.0	10
cis-1,2-Dichloroethene	360		ug/l	25	7.0	10
Styrene	ND		ug/l	25	7.0	10
Dichlorodifluoromethane	ND		ug/l	50	10.	10
Acetone	ND		ug/l	50	15.	10
Carbon disulfide	ND		ug/l	50	10.	10
2-Butanone	ND		ug/l	50	19.	10
4-Methyl-2-pentanone	ND		ug/l	50	10.	10
2-Hexanone	ND		ug/l	50	10.	10
Bromochloromethane	ND		ug/l	25	7.0	10
1,2-Dibromoethane	ND		ug/l	20	6.5	10
1,2-Dibromo-3-chloropropane	ND		ug/l	25	7.0	10
Isopropylbenzene	ND		ug/l	25	7.0	10
1,2,3-Trichlorobenzene	ND		ug/l	25	7.0	10
1,2,4-Trichlorobenzene	ND		ug/l	25	7.0	10
Methyl Acetate	ND		ug/l	20	2.3	10
Cyclohexane	ND		ug/l	100	2.7	10
1,4-Dioxane	ND		ug/l	2500	610	10
Freon-113	ND		ug/l	25	7.0	10
Methyl cyclohexane	ND		ug/l	100	4.0	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-32
Client ID: TRIP BLANK
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 12/19/20 16:04
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	0.77	J	ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-32 Date Collected: 12/10/20 14:45

Client ID: TRIP BLANK Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	95		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33
Client ID: SOIL-SB-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 15:45
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 12/19/20 15:19
Analyst: MKS
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	1.5		ug/kg	0.48	0.16	1
Toluene	0.62	J	ug/kg	0.95	0.52	1
Ethylbenzene	0.84	J	ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33 Date Collected: 12/10/20 15:45

Client ID: SOIL-SB-134 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	2.5		ug/kg	1.9	0.53	1
o-Xylene	0.32	J	ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	8.6	J	ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Isopropylbenzene	5.1		ug/kg	0.95	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.90	1
Cyclohexane	47		ug/kg	9.5	0.52	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	140		ug/kg	3.8	0.57	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	109		70-130
4-Bromofluorobenzene	113		70-130
Dibromofluoromethane	106		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/20 10:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21-26 Batch: WG1447310-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	0.70	J	ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/20 10:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21-26 Batch: WG1447310-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/18/20 10:48
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 21-26 Batch: WG1447310-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	96		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,33 Batch: WG1447372-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.76	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,33 Batch: WG1447372-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:44
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 02,06,33 Batch: WG1447372-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	121		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	112		70-130
Dibromofluoromethane	115		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:53
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11,16-20 Batch: WG1447392-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:53
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11,16-20 Batch: WG1447392-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:53
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 11,16-20 Batch: WG1447392-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	100		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,05,09,15 Batch: WG1447429-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,05,09,15 Batch: WG1447429-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 11:38
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03,05,09,15 Batch: WG1447429-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	109		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 10:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27,29-32 Batch: WG1447483-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	1.2	J	ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 10:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27,29-32 Batch: WG1447483-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 10:40
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 27,29-32 Batch: WG1447483-5					

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

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1447585-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1447585-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 07 Batch: WG1447585-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	109		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08-09 Batch: WG1447587-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08-09 Batch: WG1447587-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
1,4-Dioxane	ND		ug/kg	4000	1800
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 14:58
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 05,08-09 Batch: WG1447587-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	109		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 09:47
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,10,12-14 Batch: WG1447700-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 09:47
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,10,12-14 Batch: WG1447700-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/20/20 09:47
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01,10,12-14 Batch: WG1447700-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 12:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 28 Batch: WG1447743-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 12:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 28 Batch: WG1447743-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/19/20 12:24
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 28 Batch: WG1447743-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	91		70-130

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/20 10:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1448212-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/20 10:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1448212-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
1,4-Dioxane	ND		ug/kg	80	35.
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 12/22/20 10:24
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 04 Batch: WG1448212-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	111		70-130
Toluene-d8	116		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26 Batch: WG1447310-3 WG1447310-4								
Methylene chloride	98		99		70-130	1		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	96		97		63-130	1		20
1,1,2-Trichloroethane	98		99		70-130	1		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	100		100		70-130	0		20
cis-1,3-Dichloropropene	98		98		70-130	0		20
Bromoform	93		94		54-136	1		20
1,1,2,2-Tetrachloroethane	97		97		67-130	0		20
Benzene	99		100		70-130	1		20
Toluene	110		100		70-130	10		20
Ethylbenzene	110		110		70-130	0		20
Chloromethane	100		100		64-130	0		20
Bromomethane	**160**	Q	**150**	Q	39-139	6		20
Vinyl chloride	100		100		55-140	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26 Batch: WG1447310-3 WG1447310-4								
Chloroethane	95		94		55-138	1		20
1,1-Dichloroethene	98		99		61-145	1		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	110		110		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		110		70-130	0		20
Methyl tert butyl ether	93		96		63-130	3		20
p/m-Xylene	105		105		70-130	0		20
o-Xylene	105		105		70-130	0		20
cis-1,2-Dichloroethene	94		96		70-130	2		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	89		80		58-148	11		20
Carbon disulfide	96		96		51-130	0		20
2-Butanone	90		88		63-138	2		20
4-Methyl-2-pentanone	78		83		59-130	6		20
2-Hexanone	89		90		57-130	1		20
Bromochloromethane	98		98		70-130	0		20
1,2-Dibromoethane	94		96		70-130	2		20
1,2-Dibromo-3-chloropropane	74		75		41-144	1		20
Isopropylbenzene	120		120		70-130	0		20
1,2,3-Trichlorobenzene	91		97		70-130	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-26 Batch: WG1447310-3 WG1447310-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	83		84		70-130	1		20
Cyclohexane	120		120		70-130	0		20
1,4-Dioxane	90		96		56-162	6		20
Freon-113	110		120		70-130	9		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	105		105		70-130
Toluene-d8	104		105		70-130
4-Bromofluorobenzene	109		108		70-130
Dibromofluoromethane	97		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,33 Batch: WG1447372-3 WG1447372-4								
Methylene chloride	100		102		70-130	2		30
1,1-Dichloroethane	107		107		70-130	0		30
Chloroform	109		108		70-130	1		30
Carbon tetrachloride	126		124		70-130	2		30
1,2-Dichloropropane	100		101		70-130	1		30
Dibromochloromethane	93		94		70-130	1		30
1,1,2-Trichloroethane	95		97		70-130	2		30
Tetrachloroethene	125		122		70-130	2		30
Chlorobenzene	106		107		70-130	1		30
Trichlorofluoromethane	110		94		70-139	16		30
1,2-Dichloroethane	106		106		70-130	0		30
1,1,1-Trichloroethane	123		123		70-130	0		30
Bromodichloromethane	110		113		70-130	3		30
trans-1,3-Dichloropropene	102		103		70-130	1		30
cis-1,3-Dichloropropene	110		112		70-130	2		30
Bromoform	89		90		70-130	1		30
1,1,2,2-Tetrachloroethane	91		93		70-130	2		30
Benzene	108		108		70-130	0		30
Toluene	103		101		70-130	2		30
Ethylbenzene	102		101		70-130	1		30
Chloromethane	111		120		52-130	8		30
Bromomethane	104		109		57-147	5		30
Vinyl chloride	**131**	Q	**133**	Q	67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,33 Batch: WG1447372-3 WG1447372-4								
Chloroethane	130		132		50-151	2		30
1,1-Dichloroethene	118		119		65-135	1		30
trans-1,2-Dichloroethene	118		116		70-130	2		30
Trichloroethene	113		115		70-130	2		30
1,2-Dichlorobenzene	105		106		70-130	1		30
1,3-Dichlorobenzene	106		106		70-130	0		30
1,4-Dichlorobenzene	106		104		70-130	2		30
Methyl tert butyl ether	106		109		66-130	3		30
p/m-Xylene	108		108		70-130	0		30
o-Xylene	104		104		70-130	0		30
cis-1,2-Dichloroethene	109		110		70-130	1		30
Styrene	105		106		70-130	1		30
Dichlorodifluoromethane	141		141		30-146	0		30
Acetone	84		84		54-140	0		30
Carbon disulfide	112		111		59-130	1		30
2-Butanone	81		88		70-130	8		30
4-Methyl-2-pentanone	86		90		70-130	5		30
2-Hexanone	83		86		70-130	4		30
Bromochloromethane	111		113		70-130	2		30
1,2-Dibromoethane	101		103		70-130	2		30
1,2-Dibromo-3-chloropropane	89		94		68-130	5		30
Isopropylbenzene	102		101		70-130	1		30
1,2,3-Trichlorobenzene	104		106		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 02,06,33 Batch: WG1447372-3 WG1447372-4								
1,2,4-Trichlorobenzene	107		109		70-130	2		30
Methyl Acetate	91		94		51-146	3		30
Cyclohexane	105		107		59-142	2		30
1,4-Dioxane	128		116		65-136	10		30
Freon-113	122		123		50-139	1		30
Methyl cyclohexane	109		111		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	120		120		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	105		108		70-130
Dibromofluoromethane	118		121		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 Batch: WG1447392-3 WG1447392-4								
Methylene chloride	105		108		70-130	3		30
1,1-Dichloroethane	110		115		70-130	4		30
Chloroform	103		106		70-130	3		30
Carbon tetrachloride	99		103		70-130	4		30
1,2-Dichloropropane	106		111		70-130	5		30
Dibromochloromethane	89		91		70-130	2		30
1,1,2-Trichloroethane	90		93		70-130	3		30
Tetrachloroethene	95		96		70-130	1		30
Chlorobenzene	93		95		70-130	2		30
Trichlorofluoromethane	**65**	Q	**67**	Q	70-139	3		30
1,2-Dichloroethane	102		106		70-130	4		30
1,1,1-Trichloroethane	97		100		70-130	3		30
Bromodichloromethane	90		93		70-130	3		30
trans-1,3-Dichloropropene	94		96		70-130	2		30
cis-1,3-Dichloropropene	101		105		70-130	4		30
Bromoform	83		85		70-130	2		30
1,1,2,2-Tetrachloroethane	87		90		70-130	3		30
Benzene	105		108		70-130	3		30
Toluene	96		97		70-130	1		30
Ethylbenzene	93		95		70-130	2		30
Chloromethane	127		128		52-130	1		30
Bromomethane	94		92		57-147	2		30
Vinyl chloride	81		83		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 Batch: WG1447392-3 WG1447392-4								
Chloroethane	66		66		50-151	0		30
1,1-Dichloroethene	115		119		65-135	3		30
trans-1,2-Dichloroethene	109		111		70-130	2		30
Trichloroethene	99		103		70-130	4		30
1,2-Dichlorobenzene	90		93		70-130	3		30
1,3-Dichlorobenzene	89		92		70-130	3		30
1,4-Dichlorobenzene	89		92		70-130	3		30
Methyl tert butyl ether	106		110		66-130	4		30
p/m-Xylene	91		93		70-130	2		30
o-Xylene	90		92		70-130	2		30
cis-1,2-Dichloroethene	103		106		70-130	3		30
Styrene	87		89		70-130	2		30
Dichlorodifluoromethane	112		115		30-146	3		30
Acetone	127		124		54-140	2		30
Carbon disulfide	118		121		59-130	3		30
2-Butanone	99		105		70-130	6		30
4-Methyl-2-pentanone	86		89		70-130	3		30
2-Hexanone	79		81		70-130	3		30
Bromochloromethane	105		108		70-130	3		30
1,2-Dibromoethane	93		96		70-130	3		30
1,2-Dibromo-3-chloropropane	82		90		68-130	9		30
Isopropylbenzene	89		93		70-130	4		30
1,2,3-Trichlorobenzene	92		95		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 Batch: WG1447392-3 WG1447392-4								
1,2,4-Trichlorobenzene	89		93		70-130	4		30
Methyl Acetate	114		117		51-146	3		30
Cyclohexane	108		114		59-142	5		30
1,4-Dioxane	134		121		65-136	10		30
Freon-113	116		120		50-139	3		30
Methyl cyclohexane	100		104		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		96		70-130
Toluene-d8	94		95		70-130
4-Bromofluorobenzene	102		102		70-130
Dibromofluoromethane	98		100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,05,09,15 Batch: WG1447429-3 WG1447429-4								
Methylene chloride	100		99		70-130	1		30
1,1-Dichloroethane	97		96		70-130	1		30
Chloroform	99		99		70-130	0		30
Carbon tetrachloride	105		104		70-130	1		30
1,2-Dichloropropane	97		96		70-130	1		30
Dibromochloromethane	100		100		70-130	0		30
1,1,2-Trichloroethane	95		96		70-130	1		30
Tetrachloroethene	123		120		70-130	2		30
Chlorobenzene	104		104		70-130	0		30
Trichlorofluoromethane	94		90		70-139	4		30
1,2-Dichloroethane	97		97		70-130	0		30
1,1,1-Trichloroethane	108		106		70-130	2		30
Bromodichloromethane	105		107		70-130	2		30
trans-1,3-Dichloropropene	98		99		70-130	1		30
cis-1,3-Dichloropropene	92		94		70-130	2		30
Bromoform	111		112		70-130	1		30
1,1,2,2-Tetrachloroethane	92		93		70-130	1		30
Benzene	103		101		70-130	2		30
Toluene	96		95		70-130	1		30
Ethylbenzene	98		97		70-130	1		30
Chloromethane	102		98		52-130	4		30
Bromomethane	62		61		57-147	2		30
Vinyl chloride	75		70		67-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,05,09,15 Batch: WG1447429-3 WG1447429-4								
Chloroethane	60		60		50-151	0		30
1,1-Dichloroethene	109		104		65-135	5		30
trans-1,2-Dichloroethene	110		107		70-130	3		30
Trichloroethene	112		110		70-130	2		30
1,2-Dichlorobenzene	104		105		70-130	1		30
1,3-Dichlorobenzene	104		105		70-130	1		30
1,4-Dichlorobenzene	103		102		70-130	1		30
Methyl tert butyl ether	109		109		66-130	0		30
p/m-Xylene	108		107		70-130	1		30
o-Xylene	107		107		70-130	0		30
cis-1,2-Dichloroethene	109		109		70-130	0		30
Styrene	96		96		70-130	0		30
Dichlorodifluoromethane	111		106		30-146	5		30
Acetone	93		96		54-140	3		30
Carbon disulfide	92		91		59-130	1		30
2-Butanone	98		97		70-130	1		30
4-Methyl-2-pentanone	86		86		70-130	0		30
2-Hexanone	90		91		70-130	1		30
Bromochloromethane	118		119		70-130	1		30
1,2-Dibromoethane	108		108		70-130	0		30
1,2-Dibromo-3-chloropropane	108		107		68-130	1		30
Isopropylbenzene	100		98		70-130	2		30
1,2,3-Trichlorobenzene	116		119		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03,05,09,15 Batch: WG1447429-3 WG1447429-4								
1,2,4-Trichlorobenzene	115		116		70-130	1		30
Methyl Acetate	101		100		51-146	1		30
Cyclohexane	101		98		59-142	3		30
1,4-Dioxane	112		134		65-136	18		30
Freon-113	106		102		50-139	4		30
Methyl cyclohexane	105		101		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		103		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	108		107		70-130
Dibromofluoromethane	115		115		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27,29-32 Batch: WG1447483-3 WG1447483-4								
Methylene chloride	95		93		70-130	2		20
1,1-Dichloroethane	100		100		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	96		97		70-130	1		20
Dibromochloromethane	90		92		63-130	2		20
1,1,2-Trichloroethane	92		94		70-130	2		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	99		100		62-150	1		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	96		97		67-130	1		20
trans-1,3-Dichloropropene	98		98		70-130	0		20
cis-1,3-Dichloropropene	93		93		70-130	0		20
Bromoform	86		88		54-136	2		20
1,1,2,2-Tetrachloroethane	90		92		67-130	2		20
Benzene	96		96		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	94		96		64-130	2		20
Bromomethane	**140**	Q	**140**	Q	39-139	0		20
Vinyl chloride	94		92		55-140	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27,29-32 Batch: WG1447483-3 WG1447483-4								
Chloroethane	91		88		55-138	3		20
1,1-Dichloroethene	93		92		61-145	1		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	98		98		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	110		110		70-130	0		20
1,4-Dichlorobenzene	110		100		70-130	10		20
Methyl tert butyl ether	85		87		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	93		91		70-130	2		20
Styrene	90		95		70-130	5		20
Dichlorodifluoromethane	92		92		36-147	0		20
Acetone	83		78		58-148	6		20
Carbon disulfide	92		91		51-130	1		20
2-Butanone	82		84		63-138	2		20
4-Methyl-2-pentanone	70		74		59-130	6		20
2-Hexanone	76		79		57-130	4		20
Bromochloromethane	94		93		70-130	1		20
1,2-Dibromoethane	88		88		70-130	0		20
1,2-Dibromo-3-chloropropane	61		66		41-144	8		20
Isopropylbenzene	120		110		70-130	9		20
1,2,3-Trichlorobenzene	76		86		70-130	12		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 27,29-32 Batch: WG1447483-3 WG1447483-4								
1,2,4-Trichlorobenzene	92		99		70-130	7		20
Methyl Acetate	76		77		70-130	1		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	72		78		56-162	8		20
Freon-113	110		110		70-130	0		20
Methyl cyclohexane	110		110		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		103		70-130
Toluene-d8	106		104		70-130
4-Bromofluorobenzene	110		109		70-130
Dibromofluoromethane	96		97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1447585-3 WG1447585-4								
Methylene chloride	105		102		70-130	3		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	106		105		70-130	1		30
Carbon tetrachloride	113		111		70-130	2		30
1,2-Dichloropropane	102		101		70-130	1		30
Dibromochloromethane	104		102		70-130	2		30
1,1,2-Trichloroethane	99		98		70-130	1		30
Tetrachloroethene	**131**	Q	**131**	Q	70-130	0		30
Chlorobenzene	112		111		70-130	1		30
Trichlorofluoromethane	99		96		70-139	3		30
1,2-Dichloroethane	101		99		70-130	2		30
1,1,1-Trichloroethane	115		113		70-130	2		30
Bromodichloromethane	113		110		70-130	3		30
trans-1,3-Dichloropropene	104		103		70-130	1		30
cis-1,3-Dichloropropene	98		97		70-130	1		30
Bromoform	116		114		70-130	2		30
1,1,2,2-Tetrachloroethane	96		92		70-130	4		30
Benzene	109		106		70-130	3		30
Toluene	103		102		70-130	1		30
Ethylbenzene	106		104		70-130	2		30
Chloromethane	106		102		52-130	4		30
Bromomethane	68		65		57-147	5		30
Vinyl chloride	74		69		67-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1447585-3 WG1447585-4								
Chloroethane	66		65		50-151	2		30
1,1-Dichloroethene	116		112		65-135	4		30
trans-1,2-Dichloroethene	116		113		70-130	3		30
Trichloroethene	119		117		70-130	2		30
1,2-Dichlorobenzene	112		110		70-130	2		30
1,3-Dichlorobenzene	113		112		70-130	1		30
1,4-Dichlorobenzene	110		109		70-130	1		30
Methyl tert butyl ether	114		110		66-130	4		30
p/m-Xylene	116		114		70-130	2		30
o-Xylene	115		114		70-130	1		30
cis-1,2-Dichloroethene	115		114		70-130	1		30
Styrene	102		101		70-130	1		30
Dichlorodifluoromethane	115		109		30-146	5		30
Acetone	95		90		54-140	5		30
Carbon disulfide	100		96		59-130	4		30
2-Butanone	102		94		70-130	8		30
4-Methyl-2-pentanone	91		83		70-130	9		30
2-Hexanone	94		88		70-130	7		30
Bromochloromethane	127		123		70-130	3		30
1,2-Dibromoethane	113		110		70-130	3		30
1,2-Dibromo-3-chloropropane	109		105		68-130	4		30
Isopropylbenzene	108		107		70-130	1		30
1,2,3-Trichlorobenzene	124		123		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 07 Batch: WG1447585-3 WG1447585-4								
1,2,4-Trichlorobenzene	125		125		70-130	0		30
Methyl Acetate	102		95		51-146	7		30
Cyclohexane	108		106		59-142	2		30
1,4-Dioxane	119		126		65-136	6		30
Freon-113	114		110		50-139	4		30
Methyl cyclohexane	114		110		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		99		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	108		108		70-130
Dibromofluoromethane	112		113		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08-09 Batch: WG1447587-3 WG1447587-4								
Methylene chloride	105		102		70-130	3		30
1,1-Dichloroethane	104		101		70-130	3		30
Chloroform	106		105		70-130	1		30
Carbon tetrachloride	113		111		70-130	2		30
1,2-Dichloropropane	102		101		70-130	1		30
Dibromochloromethane	104		102		70-130	2		30
1,1,2-Trichloroethane	99		98		70-130	1		30
Tetrachloroethene	**131**	Q	**131**	Q	70-130	0		30
Chlorobenzene	112		111		70-130	1		30
Trichlorofluoromethane	99		96		70-139	3		30
1,2-Dichloroethane	101		99		70-130	2		30
1,1,1-Trichloroethane	115		113		70-130	2		30
Bromodichloromethane	113		110		70-130	3		30
trans-1,3-Dichloropropene	104		103		70-130	1		30
cis-1,3-Dichloropropene	98		97		70-130	1		30
Bromoform	116		114		70-130	2		30
1,1,2,2-Tetrachloroethane	96		92		70-130	4		30
Benzene	109		106		70-130	3		30
Toluene	103		102		70-130	1		30
Ethylbenzene	106		104		70-130	2		30
Chloromethane	106		102		52-130	4		30
Bromomethane	68		65		57-147	5		30
Vinyl chloride	74		69		67-130	7		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08-09 Batch: WG1447587-3 WG1447587-4								
Chloroethane	66		65		50-151	2		30
1,1-Dichloroethene	116		112		65-135	4		30
trans-1,2-Dichloroethene	116		113		70-130	3		30
Trichloroethene	119		117		70-130	2		30
1,2-Dichlorobenzene	112		110		70-130	2		30
1,3-Dichlorobenzene	113		112		70-130	1		30
1,4-Dichlorobenzene	110		109		70-130	1		30
Methyl tert butyl ether	114		110		66-130	4		30
p/m-Xylene	116		114		70-130	2		30
o-Xylene	115		114		70-130	1		30
cis-1,2-Dichloroethene	115		114		70-130	1		30
Styrene	102		101		70-130	1		30
Dichlorodifluoromethane	115		109		30-146	5		30
Acetone	95		90		54-140	5		30
Carbon disulfide	100		96		59-130	4		30
2-Butanone	102		94		70-130	8		30
4-Methyl-2-pentanone	91		83		70-130	9		30
2-Hexanone	94		88		70-130	7		30
Bromochloromethane	127		123		70-130	3		30
1,2-Dibromoethane	113		110		70-130	3		30
1,2-Dibromo-3-chloropropane	109		105		68-130	4		30
Isopropylbenzene	108		107		70-130	1		30
1,2,3-Trichlorobenzene	124		123		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 05,08-09 Batch: WG1447587-3 WG1447587-4								
1,2,4-Trichlorobenzene	125		125		70-130	0		30
Methyl Acetate	102		95		51-146	7		30
Cyclohexane	108		106		59-142	2		30
1,4-Dioxane	119		126		65-136	6		30
Freon-113	114		110		50-139	4		30
Methyl cyclohexane	114		110		70-130	4		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		99		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	108		108		70-130
Dibromofluoromethane	112		113		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,10,12-14 Batch: WG1447700-3 WG1447700-4								
Methylene chloride	110		113		70-130	3		30
1,1-Dichloroethane	116		117		70-130	1		30
Chloroform	108		110		70-130	2		30
Carbon tetrachloride	105		105		70-130	0		30
1,2-Dichloropropane	110		112		70-130	2		30
Dibromochloromethane	92		96		70-130	4		30
1,1,2-Trichloroethane	93		95		70-130	2		30
Tetrachloroethene	99		100		70-130	1		30
Chlorobenzene	96		98		70-130	2		30
Trichlorofluoromethane	**62**	Q	**63**	Q	70-139	2		30
1,2-Dichloroethane	104		106		70-130	2		30
1,1,1-Trichloroethane	101		102		70-130	1		30
Bromodichloromethane	94		96		70-130	2		30
trans-1,3-Dichloropropene	97		100		70-130	3		30
cis-1,3-Dichloropropene	105		109		70-130	4		30
Bromoform	83		87		70-130	5		30
1,1,2,2-Tetrachloroethane	88		91		70-130	3		30
Benzene	109		111		70-130	2		30
Toluene	99		100		70-130	1		30
Ethylbenzene	96		97		70-130	1		30
Chloromethane	130		127		52-130	2		30
Bromomethane	92		88		57-147	4		30
Vinyl chloride	74		74		67-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,10,12-14 Batch: WG1447700-3 WG1447700-4								
Chloroethane	58		58		50-151	0		30
1,1-Dichloroethene	123		123		65-135	0		30
trans-1,2-Dichloroethene	117		118		70-130	1		30
Trichloroethene	104		105		70-130	1		30
1,2-Dichlorobenzene	92		94		70-130	2		30
1,3-Dichlorobenzene	93		93		70-130	0		30
1,4-Dichlorobenzene	93		93		70-130	0		30
Methyl tert butyl ether	111		115		66-130	4		30
p/m-Xylene	94		95		70-130	1		30
o-Xylene	92		95		70-130	3		30
cis-1,2-Dichloroethene	110		111		70-130	1		30
Styrene	89		91		70-130	2		30
Dichlorodifluoromethane	110		109		30-146	1		30
Acetone	108		120		54-140	11		30
Carbon disulfide	125		125		59-130	0		30
2-Butanone	99		104		70-130	5		30
4-Methyl-2-pentanone	89		92		70-130	3		30
2-Hexanone	80		83		70-130	4		30
Bromochloromethane	112		113		70-130	1		30
1,2-Dibromoethane	96		100		70-130	4		30
1,2-Dibromo-3-chloropropane	87		92		68-130	6		30
Isopropylbenzene	91		92		70-130	1		30
1,2,3-Trichlorobenzene	96		97		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01,10,12-14 Batch: WG1447700-3 WG1447700-4								
1,2,4-Trichlorobenzene	97		99		70-130	2		30
Methyl Acetate	117		121		51-146	3		30
Cyclohexane	112		112		59-142	0		30
1,4-Dioxane	114		123		65-136	8		30
Freon-113	124		124		50-139	0		30
Methyl cyclohexane	103		104		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	93		94		70-130
Toluene-d8	95		94		70-130
4-Bromofluorobenzene	103		103		70-130
Dibromofluoromethane	101		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 Batch: WG1447743-3 WG1447743-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	120		120		70-130	0		20
Chloroform	110		120		70-130	9		20
Carbon tetrachloride	110		120		63-132	9		20
1,2-Dichloropropane	120		120		70-130	0		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	99		110		70-130	11		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	100		110		62-150	10		20
1,2-Dichloroethane	130		130		70-130	0		20
1,1,1-Trichloroethane	120		120		67-130	0		20
Bromodichloromethane	110		120		67-130	9		20
trans-1,3-Dichloropropene	110		120		70-130	9		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
Bromoform	110		110		54-136	0		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	100		110		70-130	10		20
Toluene	100		120		70-130	18		20
Ethylbenzene	100		120		70-130	18		20
Chloromethane	90		91		64-130	1		20
Bromomethane	**38**	Q	42		39-139	10		20
Vinyl chloride	89		91		55-140	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 Batch: WG1447743-3 WG1447743-4								
Chloroethane	94		110		55-138	16		20
1,1-Dichloroethene	97		110		61-145	13		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		110		70-130	10		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	120		120		63-130	0		20
p/m-Xylene	95		105		70-130	10		20
o-Xylene	95		105		70-130	10		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	95		105		70-130	10		20
Dichlorodifluoromethane	58		61		36-147	5		20
Acetone	**160**	Q	130		58-148	**21**	Q	20
Carbon disulfide	87		96		51-130	10		20
2-Butanone	**140**	Q	120		63-138	15		20
4-Methyl-2-pentanone	120		130		59-130	8		20
2-Hexanone	110		120		57-130	9		20
Bromochloromethane	110		110		70-130	0		20
1,2-Dibromoethane	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	93		100		41-144	7		20
Isopropylbenzene	96		110		70-130	14		20
1,2,3-Trichlorobenzene	98		100		70-130	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 Batch: WG1447743-3 WG1447743-4								
1,2,4-Trichlorobenzene	100		100		70-130	0		20
Methyl Acetate	120		120		70-130	0		20
Cyclohexane	130		**140**	Q	70-130	7		20
1,4-Dioxane	108		80		56-162	**30**	Q	20
Freon-113	100		110		70-130	10		20
Methyl cyclohexane	98		110		70-130	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	114		112		70-130
Toluene-d8	100		101		70-130
4-Bromofluorobenzene	112		113		70-130
Dibromofluoromethane	95		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1448212-3 WG1448212-4								
Methylene chloride	95		96		70-130	1		30
1,1-Dichloroethane	104		104		70-130	0		30
Chloroform	95		96		70-130	1		30
Carbon tetrachloride	99		98		70-130	1		30
1,2-Dichloropropane	103		105		70-130	2		30
Dibromochloromethane	101		103		70-130	2		30
1,1,2-Trichloroethane	101		104		70-130	3		30
Tetrachloroethene	101		99		70-130	2		30
Chlorobenzene	100		99		70-130	1		30
Trichlorofluoromethane	106		105		70-139	1		30
1,2-Dichloroethane	96		100		70-130	4		30
1,1,1-Trichloroethane	96		96		70-130	0		30
Bromodichloromethane	95		97		70-130	2		30
trans-1,3-Dichloropropene	105		107		70-130	2		30
cis-1,3-Dichloropropene	100		102		70-130	2		30
Bromoform	97		100		70-130	3		30
1,1,2,2-Tetrachloroethane	104		109		70-130	5		30
Benzene	100		100		70-130	0		30
Toluene	102		102		70-130	0		30
Ethylbenzene	103		102		70-130	1		30
Chloromethane	111		111		52-130	0		30
Bromomethane	106		108		57-147	2		30
Vinyl chloride	113		111		67-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1448212-3 WG1448212-4								
Chloroethane	117		116		50-151	1		30
1,1-Dichloroethene	104		103		65-135	1		30
trans-1,2-Dichloroethene	101		101		70-130	0		30
Trichloroethene	96		97		70-130	1		30
1,2-Dichlorobenzene	101		102		70-130	1		30
1,3-Dichlorobenzene	104		103		70-130	1		30
1,4-Dichlorobenzene	103		104		70-130	1		30
Methyl tert butyl ether	96		101		66-130	5		30
p/m-Xylene	102		101		70-130	1		30
o-Xylene	101		101		70-130	0		30
cis-1,2-Dichloroethene	98		97		70-130	1		30
Styrene	102		103		70-130	1		30
Dichlorodifluoromethane	100		98		30-146	2		30
Acetone	100		105		54-140	5		30
Carbon disulfide	107		108		59-130	1		30
2-Butanone	103		112		70-130	8		30
4-Methyl-2-pentanone	109		117		70-130	7		30
2-Hexanone	110		119		70-130	8		30
Bromochloromethane	98		100		70-130	2		30
1,2-Dibromoethane	98		101		70-130	3		30
1,2-Dibromo-3-chloropropane	93		99		68-130	6		30
Isopropylbenzene	106		104		70-130	2		30
1,2,3-Trichlorobenzene	103		107		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 04 Batch: WG1448212-3 WG1448212-4								
1,2,4-Trichlorobenzene	106		109		70-130	3		30
Methyl Acetate	104		111		51-146	7		30
Cyclohexane	121		120		59-142	1		30
1,4-Dioxane	92		98		65-136	6		30
Freon-113	109		108		50-139	1		30
Methyl cyclohexane	108		107		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	113		116		70-130
Toluene-d8	116		115		70-130
4-Bromofluorobenzene	114		113		70-130
Dibromofluoromethane	107		110		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 QC Batch ID: WG1447392-6 WG1447392-7 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Methylene chloride	ND	79.6	78	97		82	100		70-130	6		30
1,1-Dichloroethane	ND	79.6	82	103		88	107		70-130	7		30
Chloroform	0.12J	79.6	72	90		78	94		70-130	8		30
Carbon tetrachloride	ND	79.6	71	89		77	94		70-130	9		30
1,2-Dichloropropane	ND	79.6	70	88		76	92		70-130	8		30
Dibromochloromethane	ND	79.6	50	**62**	Q	56	**68**	Q	70-130	12		30
1,1,2-Trichloroethane	ND	79.6	53	**67**	Q	59	71		70-130	10		30
Tetrachloroethene	0.23J	79.6	39	**50**	Q	45	**55**	Q	70-130	14		30
Chlorobenzene	ND	79.6	36	**45**	Q	41	**50**	Q	70-130	14		30
Trichlorofluoromethane	ND	79.6	51	**64**	Q	54	**66**	Q	70-139	6		30
1,2-Dichloroethane	ND	79.6	65	82		71	86		70-130	9		30
1,1,1-Trichloroethane	ND	79.6	73	91		78	95		70-130	8		30
Bromodichloromethane	ND	79.6	57	72		64	77		70-130	10		30
trans-1,3-Dichloropropene	ND	79.6	41	**51**	Q	48	**58**	Q	70-130	16		30
cis-1,3-Dichloropropene	ND	79.6	49	**61**	Q	57	**69**	Q	70-130	16		30
Bromoform	ND	79.6	41	**51**	Q	47	**57**	Q	70-130	14		30
1,1,2,2-Tetrachloroethane	ND	79.6	45	**56**	Q	51	**61**	Q	70-130	13		30
Benzene	6.9	79.6	82	94		88	98		70-130	7		30
Toluene	ND	79.6	48	**60**	Q	53	**64**	Q	70-130	11		30
Ethylbenzene	ND	79.6	34	**42**	Q	38	**46**	Q	70-130	13		30
Chloromethane	ND	79.6	110	**133**	Q	110	**133**	Q	52-130	4		30
Bromomethane	ND	79.6	56	70		62	76		57-147	12		30
Vinyl chloride	ND	79.6	62	78		66	80		67-130	5		30

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 QC Batch ID: WG1447392-6 WG1447392-7 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Chloroethane	ND	79.6	44	55		47	57		50-151	7		30
1,1-Dichloroethene	ND	79.6	93	116		99	120		65-135	7		30
trans-1,2-Dichloroethene	0.52J	79.6	75	94		81	98		70-130	8		30
Trichloroethene	ND	79.6	56	70		63	76		70-130	12		30
1,2-Dichlorobenzene	ND	79.6	22	**27**	Q	27	**32**	Q	70-130	20		30
1,3-Dichlorobenzene	ND	79.6	19	**24**	Q	23	**28**	Q	70-130	21		30
1,4-Dichlorobenzene	ND	79.6	18	**22**	Q	22	**27**	Q	70-130	22		30
Methyl tert butyl ether	ND	79.6	82	102		88	106		66-130	7		30
p/m-Xylene	ND	159	62	**39**	Q	71	**43**	Q	70-130	14		30
o-Xylene	ND	159	68	**42**	Q	78	**47**	Q	70-130	14		30
cis-1,2-Dichloroethene	ND	79.6	69	87		75	91		70-130	8		30
Styrene	ND	159	53	**33**	Q	62	**37**	Q	70-130	15		30
Dichlorodifluoromethane	ND	79.6	100	127		100	126		30-146	3		30
Acetone	8.7	79.6	93	117		99	120		54-140	6		30
Carbon disulfide	4.1J	79.6	96	121		98	118		59-130	1		30
2-Butanone	ND	79.6	71	89		76	92		70-130	7		30
4-Methyl-2-pentanone	ND	79.6	59	74		64	78		70-130	9		30
2-Hexanone	ND	79.6	48	**60**	Q	54	**65**	Q	70-130	11		30
Bromochloromethane	ND	79.6	70	88		77	93		70-130	9		30
1,2-Dibromoethane	ND	79.6	47	**59**	Q	53	**64**	Q	70-130	12		30
1,2-Dibromo-3-chloropropane	ND	79.6	40	**50**	Q	46	**56**	Q	68-130	16		30
Isopropylbenzene	ND	79.6	28	**35**	Q	33	**40**	Q	70-130	16		30
1,2,3-Trichlorobenzene	ND	79.6	13	**16**	Q	17	**21**	Q	70-130	29		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 11,16-20 QC Batch ID: WG1447392-6 WG1447392-7 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
1,2,4-Trichlorobenzene	ND	79.6	11	**13**	Q	15	**18**	Q	70-130	**33**	Q	30
Methyl Acetate	ND	79.6	85	107		100	121		51-146	16		30
Cyclohexane	ND	79.6	79	99		85	103		59-142	8		30
1,4-Dioxane	ND	3980	4200	106		4600	112		65-136	8		30
Freon-113	ND	79.6	100	126		110	128		50-139	6		30
Methyl cyclohexane	ND	79.6	63	79		69	83		70-130	9		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		93		70-130
4-Bromofluorobenzene	104		104		70-130
Dibromofluoromethane	102		101		70-130
Toluene-d8	95		93		70-130

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 QC Batch ID: WG1447743-6 WG1447743-7 QC Sample: L2054538-28 Client ID: TMW-101												
Methylene chloride	ND	10	9.8	98		10	100		70-130	2		20
1,1-Dichloroethane	ND	10	12	120		12	120		70-130	0		20
Chloroform	0.72J	10	12	120		13	130		70-130	8		20
Carbon tetrachloride	ND	10	12	120		13	130		63-132	8		20
1,2-Dichloropropane	ND	10	11	110		12	120		70-130	9		20
Dibromochloromethane	ND	10	11	110		12	120		63-130	9		20
1,1,2-Trichloroethane	ND	10	10	100		12	120		70-130	18		20
Tetrachloroethene	5.4	10	17	116		19	**136**	Q	70-130	11		20
Chlorobenzene	ND	10	11	110		12	120		75-130	9		20
Trichlorofluoromethane	ND	10	12	120		12	120		62-150	0		20
1,2-Dichloroethane	ND	10	12	120		13	130		70-130	8		20
1,1,1-Trichloroethane	ND	10	12	120		13	130		67-130	8		20
Bromodichloromethane	ND	10	11	110		12	120		67-130	9		20
trans-1,3-Dichloropropene	ND	10	12	120		13	130		70-130	8		20
cis-1,3-Dichloropropene	ND	10	10	100		11	110		70-130	10		20
Bromoform	ND	10	11	110		12	120		54-136	9		20
1,1,2,2-Tetrachloroethane	ND	10	11	110		12	120		67-130	9		20
Benzene	23	10	36	130		32	90		70-130	12		20
Toluene	ND	10	12	120		13	130		70-130	8		20
Ethylbenzene	ND	10	12	120		12	120		70-130	0		20
Chloromethane	ND	10	9.9	99		9.9	99		64-130	0		20
Bromomethane	ND	10	1.3J	**13**	Q	1.3J	**13**	Q	39-139	0		20
Vinyl chloride	1.2	10	11	98		11	98		55-140	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 QC Batch ID: WG1447743-6 WG1447743-7 QC Sample: L2054538-28 Client ID: TMW-101												
Chloroethane	ND	10	10	100		11	110		55-138	10		20
1,1-Dichloroethene	ND	10	10	100		11	110		61-145	10		20
trans-1,2-Dichloroethene	0.92J	10	12	120		13	130		70-130	8		20
Trichloroethene	2.7	10	14	113		15	123		70-130	7		20
1,2-Dichlorobenzene	ND	10	11	110		12	120		70-130	9		20
1,3-Dichlorobenzene	ND	10	11	110		12	120		70-130	9		20
1,4-Dichlorobenzene	ND	10	11	110		12	120		70-130	9		20
Methyl tert butyl ether	ND	10	12	120		13	130		63-130	8		20
p/m-Xylene	ND	20	21	105		23	115		70-130	9		20
o-Xylene	ND	20	21	105		22	110		70-130	5		20
cis-1,2-Dichloroethene	3.1	10	12	89		14	109		70-130	15		20
Styrene	ND	20	20	100		22	110		70-130	10		20
Dichlorodifluoromethane	ND	10	8.0	80		8.2	82		36-147	2		20
Acetone	5.5	10	16	105		19	135		58-148	17		20
Carbon disulfide	ND	10	10	100		11	110		51-130	10		20
2-Butanone	ND	10	12	120		13	130		63-138	8		20
4-Methyl-2-pentanone	ND	10	12	120		15	**150**	Q	59-130	**22**	Q	20
2-Hexanone	ND	10	11	110		13	130		57-130	17		20
Bromochloromethane	ND	10	10	100		11	110		70-130	10		20
1,2-Dibromoethane	ND	10	10	100		11	110		70-130	10		20
1,2-Dibromo-3-chloropropane	ND	10	9.8	98		10	100		41-144	2		20
Isopropylbenzene	ND	10	11	110		12	120		70-130	9		20
1,2,3-Trichlorobenzene	ND	10	10	100		10	100		70-130	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 28 QC Batch ID: WG1447743-6 WG1447743-7 QC Sample: L2054538-28 Client ID: TMW-101												
1,2,4-Trichlorobenzene	ND	10	10	100		11	110		70-130	10		20
Methyl Acetate	ND	10	11	110		12	120		70-130	9		20
Cyclohexane	ND	10	14	**140**	Q	15	**150**	Q	70-130	7		20
1,4-Dioxane	ND	500	310	62		390	78		56-162	**23**	Q	20
Freon-113	ND	10	11	110		12	120		70-130	9		20
Methyl cyclohexane	ND	10	11	110		12	120		70-130	9		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		120		70-130
4-Bromofluorobenzene	117		115		70-130
Dibromofluoromethane	94		96		70-130
Toluene-d8	107		109		70-130

SEMIVOLATILES

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01
Client ID: SOIL-SB-100
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 09:20
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 22:21
Analyst: SLR
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	29.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	ND		ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	53.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01 Date Collected: 12/07/20 09:20

Client ID: SOIL-SB-100 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	170	34.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	26.	1
Fluorene	ND		ug/kg	220	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	50.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	ND		ug/kg	220	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	89.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	ND		ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	290	59.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01 Date Collected: 12/07/20 09:20

Client ID: SOIL-SB-100 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	57		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02
Client ID: SOIL-SB-105
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 13:50
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 21:58
Analyst: SLR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02 Date Collected: 12/07/20 13:50

Client ID: SOIL-SB-105 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	240	50.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02 Date Collected: 12/07/20 13:50

Client ID: SOIL-SB-105 Date Received: 12/07/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	56.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	59		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 23:28
Analyst: SLR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	240		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03 Date Collected: 12/08/20 08:45

Client ID: SOIL-SB-106 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	280		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03 Date Collected: 12/08/20 08:45

Client ID: SOIL-SB-106 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	65		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/20/20 22:47
Analyst: SG
Percent Solids: 85%

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.529	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.529	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.529	0.041	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.529	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.529	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.529	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.529	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.529	0.190	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.529	0.144	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.529	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.529	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.529	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.529	0.304	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.529	0.213	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.529	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.529	0.162	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.529	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.529	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.529	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.529	0.216	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.529	0.057	1
PFOA/PFOS, Total	ND		ug/kg	0.529	0.044	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03 Date Collected: 12/08/20 08:45

Client ID: SOIL-SB-106 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	112		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	110		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	111		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	100		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	100		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	114		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	105		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	70		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		26-160

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04
Client ID: SOIL-SB-108
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 09:40
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 01:42
Analyst: SLR
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	860		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	5800		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	560	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	25.	1
Naphthalene	5300		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	2800		ug/kg	120	22.	1
Benzo(a)pyrene	2000		ug/kg	160	48.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04 Date Collected: 12/08/20 09:40

Client ID: SOIL-SB-108 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2200		ug/kg	120	33.	1
Benzo(k)fluoranthene	850		ug/kg	120	31.	1
Chrysene	2200		ug/kg	120	20.	1
Acenaphthylene	1800		ug/kg	160	30.	1
Anthracene	2400		ug/kg	120	38.	1
Benzo(ghi)perylene	770		ug/kg	160	23.	1
Fluorene	2500		ug/kg	190	19.	1
Phenanthrene	7100		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	240		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	980		ug/kg	160	27.	1
Pyrene	4500		ug/kg	120	19.	1
Biphenyl	530		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	38.	1
3-Nitroaniline	ND		ug/kg	190	37.	1
4-Nitroaniline	ND		ug/kg	190	81.	1
Dibenzofuran	1900		ug/kg	190	18.	1
2-Methylnaphthalene	2300		ug/kg	230	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	31.	1
2,4-Dimethylphenol	540		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	2100		ug/kg	190	29.	1
2-Methylphenol	1400		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	4300		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	760		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04 Date Collected: 12/08/20 09:40

Client ID: SOIL-SB-108 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	48		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05
Client ID: SOIL-SB-110
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:00
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 22:43
Analyst: SLR
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	34	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	87	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	3800		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	33	J	ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	47.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05 Date Collected: 12/08/20 11:00

Client ID: SOIL-SB-110 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	31.	1
Chrysene	24	J	ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	30.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	42	J	ug/kg	190	19.	1
Phenanthrene	140		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	76	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	24	J	ug/kg	190	18.	1
2-Methylnaphthalene	2900		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05 Date Collected: 12/08/20 11:00

Client ID: SOIL-SB-110 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	65		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06
Client ID: SOIL-SB-111
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 23:50
Analyst: SLR
Percent Solids: 56%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	56	J	ug/kg	230	30.	1
Hexachlorobenzene	ND		ug/kg	170	32.	1
Bis(2-chloroethyl)ether	ND		ug/kg	260	39.	1
2-Chloronaphthalene	ND		ug/kg	290	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	290	77.	1
2,4-Dinitrotoluene	ND		ug/kg	290	58.	1
2,6-Dinitrotoluene	ND		ug/kg	290	50.	1
Fluoranthene	96	J	ug/kg	170	33.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	290	31.	1
4-Bromophenyl phenyl ether	ND		ug/kg	290	44.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	350	49.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	310	29.	1
Hexachlorobutadiene	ND		ug/kg	290	42.	1
Hexachlorocyclopentadiene	ND		ug/kg	830	260	1
Hexachloroethane	ND		ug/kg	230	47.	1
Isophorone	ND		ug/kg	260	37.	1
Naphthalene	79	J	ug/kg	290	35.	1
Nitrobenzene	ND		ug/kg	260	43.	1
NDPA/DPA	ND		ug/kg	230	33.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	290	44.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	290	100	1
Butyl benzyl phthalate	ND		ug/kg	290	73.	1
Di-n-butylphthalate	ND		ug/kg	290	55.	1
Di-n-octylphthalate	ND		ug/kg	290	98.	1
Diethyl phthalate	ND		ug/kg	290	27.	1
Dimethyl phthalate	ND		ug/kg	290	61.	1
Benzo(a)anthracene	59	J	ug/kg	170	32.	1
Benzo(a)pyrene	90	J	ug/kg	230	70.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06 Date Collected: 12/08/20 11:50

Client ID: SOIL-SB-111 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	89	J	ug/kg	170	49.	1
Benzo(k)fluoranthene	ND		ug/kg	170	46.	1
Chrysene	65	J	ug/kg	170	30.	1
Acenaphthylene	ND		ug/kg	230	44.	1
Anthracene	56	J	ug/kg	170	56.	1
Benzo(ghi)perylene	58	J	ug/kg	230	34.	1
Fluorene	170	J	ug/kg	290	28.	1
Phenanthrene	48	J	ug/kg	170	35.	1
Dibenzo(a,h)anthracene	ND		ug/kg	170	33.	1
Indeno(1,2,3-cd)pyrene	61	J	ug/kg	230	40.	1
Pyrene	140	J	ug/kg	170	29.	1
Biphenyl	ND		ug/kg	660	67.	1
4-Chloroaniline	ND		ug/kg	290	52.	1
2-Nitroaniline	ND		ug/kg	290	56.	1
3-Nitroaniline	ND		ug/kg	290	54.	1
4-Nitroaniline	ND		ug/kg	290	120	1
Dibenzofuran	82	J	ug/kg	290	27.	1
2-Methylnaphthalene	69	J	ug/kg	350	35.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	290	30.	1
Acetophenone	ND		ug/kg	290	36.	1
2,4,6-Trichlorophenol	ND		ug/kg	170	55.	1
p-Chloro-m-cresol	ND		ug/kg	290	43.	1
2-Chlorophenol	ND		ug/kg	290	34.	1
2,4-Dichlorophenol	ND		ug/kg	260	46.	1
2,4-Dimethylphenol	ND		ug/kg	290	95.	1
2-Nitrophenol	ND		ug/kg	620	110	1
4-Nitrophenol	ND		ug/kg	400	120	1
2,4-Dinitrophenol	ND		ug/kg	1400	130	1
4,6-Dinitro-o-cresol	ND		ug/kg	750	140	1
Pentachlorophenol	ND		ug/kg	230	64.	1
Phenol	ND		ug/kg	290	44.	1
2-Methylphenol	ND		ug/kg	290	45.	1
3-Methylphenol/4-Methylphenol	45	J	ug/kg	420	45.	1
2,4,5-Trichlorophenol	ND		ug/kg	290	55.	1
Carbazole	ND		ug/kg	290	28.	1
Atrazine	ND		ug/kg	230	100	1
Benzaldehyde	ND		ug/kg	380	78.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06 Date Collected: 12/08/20 11:50

Client ID: SOIL-SB-111 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	290	88.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	290	58.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	64		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	50		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 00:57
Analyst: SLR
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	130	J	ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	140	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	31.	1
2-Chloronaphthalene	ND		ug/kg	230	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	230	60.	1
2,4-Dinitrotoluene	ND		ug/kg	230	45.	1
2,6-Dinitrotoluene	ND		ug/kg	230	39.	1
Fluoranthene	310		ug/kg	140	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	230	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	230	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	39.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	23.	1
Hexachlorobutadiene	ND		ug/kg	230	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	650	200	1
Hexachloroethane	ND		ug/kg	180	37.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	150	J	ug/kg	230	28.	1
Nitrobenzene	ND		ug/kg	200	34.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	230	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	230	78.	1
Butyl benzyl phthalate	ND		ug/kg	230	57.	1
Di-n-butylphthalate	ND		ug/kg	230	43.	1
Di-n-octylphthalate	ND		ug/kg	230	77.	1
Diethyl phthalate	ND		ug/kg	230	21.	1
Dimethyl phthalate	ND		ug/kg	230	48.	1
Benzo(a)anthracene	140		ug/kg	140	26.	1
Benzo(a)pyrene	120	J	ug/kg	180	55.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07 Date Collected: 12/08/20 15:10

Client ID: SOIL-SB-113 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	140		ug/kg	140	38.	1
Benzo(k)fluoranthene	54	J	ug/kg	140	36.	1
Chrysene	130	J	ug/kg	140	24.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	130	J	ug/kg	140	44.	1
Benzo(ghi)perylene	65	J	ug/kg	180	27.	1
Fluorene	250		ug/kg	230	22.	1
Phenanthrene	610		ug/kg	140	28.	1
Dibenzo(a,h)anthracene	ND		ug/kg	140	26.	1
Indeno(1,2,3-cd)pyrene	72	J	ug/kg	180	32.	1
Pyrene	310		ug/kg	140	22.	1
Biphenyl	ND		ug/kg	520	52.	1
4-Chloroaniline	ND		ug/kg	230	41.	1
2-Nitroaniline	ND		ug/kg	230	44.	1
3-Nitroaniline	ND		ug/kg	230	43.	1
4-Nitroaniline	ND		ug/kg	230	94.	1
Dibenzofuran	110	J	ug/kg	230	21.	1
2-Methylnaphthalene	540		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	230	24.	1
Acetophenone	ND		ug/kg	230	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	140	43.	1
p-Chloro-m-cresol	ND		ug/kg	230	34.	1
2-Chlorophenol	ND		ug/kg	230	27.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	230	75.	1
2-Nitrophenol	ND		ug/kg	490	85.	1
4-Nitrophenol	ND		ug/kg	320	92.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	590	110	1
Pentachlorophenol	ND		ug/kg	180	50.	1
Phenol	ND		ug/kg	230	34.	1
2-Methylphenol	ND		ug/kg	230	35.	1
3-Methylphenol/4-Methylphenol	110	J	ug/kg	330	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	230	43.	1
Carbazole	ND		ug/kg	230	22.	1
Atrazine	ND		ug/kg	180	79.	1
Benzaldehyde	ND		ug/kg	300	61.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07 Date Collected: 12/08/20 15:10

Client ID: SOIL-SB-113 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	230	69.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	230	46.	1
1,4-Dioxane	ND		ug/kg	34	10.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	57		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/20/20 23:20
Analyst: SG
Percent Solids: 73%

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.598	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.598	0.055	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.598	0.047	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.598	0.063	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.598	0.054	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.598	0.072	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.598	0.050	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.598	0.214	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.598	0.163	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.598	0.090	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.598	0.155	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.598	0.080	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.598	0.343	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.598	0.241	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.598	0.056	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.598	0.183	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.598	0.101	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.598	0.084	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.598	0.244	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.598	0.065	1
PFOA/PFOS, Total	ND		ug/kg	0.598	0.050	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07 Date Collected: 12/08/20 15:10

Client ID: SOIL-SB-113 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	111		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		64-158
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	61		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		26-160

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 16:21
Analyst: RS
Percent Solids: 73%

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.598	0.117	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	71		1-125

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08
Client ID: SOIL-SB-115
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 01:20
Analyst: SLR
Percent Solids: 62%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	410		ug/kg	220	28.	1
Hexachlorobenzene	ND		ug/kg	160	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	36.	1
2-Chloronaphthalene	ND		ug/kg	270	27.	1
3,3'-Dichlorobenzidine	ND		ug/kg	270	72.	1
2,4-Dinitrotoluene	ND		ug/kg	270	54.	1
2,6-Dinitrotoluene	ND		ug/kg	270	46.	1
Fluoranthene	240		ug/kg	160	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	270	29.	1
4-Bromophenyl phenyl ether	ND		ug/kg	270	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	320	46.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	290	27.	1
Hexachlorobutadiene	ND		ug/kg	270	39.	1
Hexachlorocyclopentadiene	ND		ug/kg	770	240	1
Hexachloroethane	ND		ug/kg	220	44.	1
Isophorone	ND		ug/kg	240	35.	1
Naphthalene	340		ug/kg	270	33.	1
Nitrobenzene	ND		ug/kg	240	40.	1
NDPA/DPA	ND		ug/kg	220	31.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	270	42.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	270	93.	1
Butyl benzyl phthalate	ND		ug/kg	270	68.	1
Di-n-butylphthalate	ND		ug/kg	270	51.	1
Di-n-octylphthalate	ND		ug/kg	270	92.	1
Diethyl phthalate	ND		ug/kg	270	25.	1
Dimethyl phthalate	ND		ug/kg	270	56.	1
Benzo(a)anthracene	110	J	ug/kg	160	30.	1
Benzo(a)pyrene	ND		ug/kg	220	66.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08 Date Collected: 12/08/20 15:45

Client ID: SOIL-SB-115 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	86	J	ug/kg	160	45.	1
Benzo(k)fluoranthene	ND		ug/kg	160	43.	1
Chrysene	130	J	ug/kg	160	28.	1
Acenaphthylene	ND		ug/kg	220	42.	1
Anthracene	300		ug/kg	160	52.	1
Benzo(ghi)perylene	36	J	ug/kg	220	32.	1
Fluorene	1000		ug/kg	270	26.	1
Phenanthrene	1900		ug/kg	160	33.	1
Dibenzo(a,h)anthracene	ND		ug/kg	160	31.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	220	38.	1
Pyrene	460		ug/kg	160	27.	1
Biphenyl	ND		ug/kg	610	62.	1
4-Chloroaniline	ND		ug/kg	270	49.	1
2-Nitroaniline	ND		ug/kg	270	52.	1
3-Nitroaniline	ND		ug/kg	270	51.	1
4-Nitroaniline	ND		ug/kg	270	110	1
Dibenzofuran	ND		ug/kg	270	25.	1
2-Methylnaphthalene	5000		ug/kg	320	32.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	270	28.	1
Acetophenone	ND		ug/kg	270	33.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	51.	1
p-Chloro-m-cresol	ND		ug/kg	270	40.	1
2-Chlorophenol	ND		ug/kg	270	32.	1
2,4-Dichlorophenol	ND		ug/kg	240	43.	1
2,4-Dimethylphenol	ND		ug/kg	270	89.	1
2-Nitrophenol	ND		ug/kg	580	100	1
4-Nitrophenol	ND		ug/kg	380	110	1
2,4-Dinitrophenol	ND		ug/kg	1300	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	700	130	1
Pentachlorophenol	ND		ug/kg	220	59.	1
Phenol	ND		ug/kg	270	41.	1
2-Methylphenol	ND		ug/kg	270	42.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	390	42.	1
2,4,5-Trichlorophenol	ND		ug/kg	270	52.	1
Carbazole	ND		ug/kg	270	26.	1
Atrazine	ND		ug/kg	220	94.	1
Benzaldehyde	ND		ug/kg	360	73.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08 Date Collected: 12/08/20 15:45

Client ID: SOIL-SB-115 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	270	82.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	270	54.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	55		18-120

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D2
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/22/20 12:02
Analyst: SZ
Percent Solids: 59%

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Phenanthrene	74000		ug/kg	1600	330	10

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/21/20 23:45
Analyst: SZ
Percent Solids: 59%

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	6900		ug/kg	1100	140	5
Hexachlorobenzene	ND		ug/kg	820	150	5
Bis(2-chloroethyl)ether	ND		ug/kg	1200	190	5
2-Chloronaphthalene	ND		ug/kg	1400	140	5
3,3'-Dichlorobenzidine	ND		ug/kg	1400	360	5
2,4-Dinitrotoluene	ND		ug/kg	1400	270	5
2,6-Dinitrotoluene	ND		ug/kg	1400	240	5
Fluoranthene	52000		ug/kg	820	160	5
4-Chlorophenyl phenyl ether	ND		ug/kg	1400	150	5
4-Bromophenyl phenyl ether	ND		ug/kg	1400	210	5
Bis(2-chloroisopropyl)ether	ND		ug/kg	1600	230	5
Bis(2-chloroethoxy)methane	ND		ug/kg	1500	140	5
Hexachlorobutadiene	ND		ug/kg	1400	200	5
Hexachlorocyclopentadiene	ND		ug/kg	3900	1200	5
Hexachloroethane	ND		ug/kg	1100	220	5
Isophorone	ND		ug/kg	1200	180	5
Naphthalene	15000		ug/kg	1400	170	5
Nitrobenzene	ND		ug/kg	1200	200	5
NDPA/DPA	ND		ug/kg	1100	160	5
n-Nitrosodi-n-propylamine	ND		ug/kg	1400	210	5
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1400	470	5
Butyl benzyl phthalate	ND		ug/kg	1400	340	5
Di-n-butylphthalate	ND		ug/kg	1400	260	5
Di-n-octylphthalate	ND		ug/kg	1400	470	5
Diethyl phthalate	ND		ug/kg	1400	130	5
Dimethyl phthalate	ND		ug/kg	1400	290	5
Benzo(a)anthracene	23000		ug/kg	820	150	5
Benzo(a)pyrene	18000		ug/kg	1100	330	5

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D Date Collected: 12/08/20 15:45

Client ID: CHA-1 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	21000		ug/kg	820	230	5
Benzo(k)fluoranthene	7900		ug/kg	820	220	5
Chrysene	19000		ug/kg	820	140	5
Acenaphthylene	1400		ug/kg	1100	210	5
Anthracene	16000		ug/kg	820	270	5
Benzo(ghi)perylene	7600		ug/kg	1100	160	5
Fluorene	14000		ug/kg	1400	130	5
Phenanthrene	61000	E	ug/kg	820	170	5
Dibenzo(a,h)anthracene	2200		ug/kg	820	160	5
Indeno(1,2,3-cd)pyrene	9500		ug/kg	1100	190	5
Pyrene	40000		ug/kg	820	140	5
Biphenyl	1600	J	ug/kg	3100	320	5
4-Chloroaniline	ND		ug/kg	1400	250	5
2-Nitroaniline	ND		ug/kg	1400	260	5
3-Nitroaniline	ND		ug/kg	1400	260	5
4-Nitroaniline	ND		ug/kg	1400	570	5
Dibenzofuran	8800		ug/kg	1400	130	5
2-Methylnaphthalene	12000		ug/kg	1600	160	5
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1400	140	5
Acetophenone	ND		ug/kg	1400	170	5
2,4,6-Trichlorophenol	ND		ug/kg	820	260	5
p-Chloro-m-cresol	ND		ug/kg	1400	200	5
2-Chlorophenol	ND		ug/kg	1400	160	5
2,4-Dichlorophenol	ND		ug/kg	1200	220	5
2,4-Dimethylphenol	ND		ug/kg	1400	450	5
2-Nitrophenol	ND		ug/kg	3000	520	5
4-Nitrophenol	ND		ug/kg	1900	560	5
2,4-Dinitrophenol	ND		ug/kg	6600	640	5
4,6-Dinitro-o-cresol	ND		ug/kg	3600	660	5
Pentachlorophenol	ND		ug/kg	1100	300	5
Phenol	600	J	ug/kg	1400	210	5
2-Methylphenol	290	J	ug/kg	1400	210	5
3-Methylphenol/4-Methylphenol	850	J	ug/kg	2000	210	5
2,4,5-Trichlorophenol	ND		ug/kg	1400	260	5
Carbazole	ND		ug/kg	1400	130	5
Atrazine	ND		ug/kg	1100	480	5
Benzaldehyde	ND		ug/kg	1800	370	5

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09 D Date Collected: 12/08/20 15:45

Client ID: CHA-1 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	1400	420	5
2,3,4,6-Tetrachlorophenol	ND		ug/kg	1400	280	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	74		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	70		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/21/20 16:06
Analyst: IM
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/20/20 20:27

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	20.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	52.	1
2,4-Dinitrotoluene	ND		ug/kg	190	39.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	180	1
Hexachloroethane	ND		ug/kg	160	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	24.	1
Nitrobenzene	ND		ug/kg	170	29.	1
NDPA/DPA	ND		ug/kg	160	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	67.	1
Butyl benzyl phthalate	ND		ug/kg	190	49.	1
Di-n-butylphthalate	ND		ug/kg	190	37.	1
Di-n-octylphthalate	ND		ug/kg	190	66.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	41.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	47.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10 Date Collected: 12/09/20 08:25

Client ID: SOIL-SB-116 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	31.	1
Chrysene	ND		ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	ND		ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	190	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	45.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	80.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	190	29.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	64.	1
2-Nitrophenol	ND		ug/kg	420	73.	1
4-Nitrophenol	ND		ug/kg	270	79.	1
2,4-Dinitrophenol	ND		ug/kg	930	90.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	93.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	ND		ug/kg	190	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10 Date Collected: 12/09/20 08:25

Client ID: SOIL-SB-116 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	59.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1
1,4-Dioxane	ND		ug/kg	29	8.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	87		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/20/20 23:53
Analyst: SG
Percent Solids: 85%

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.572	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.572	0.053	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.572	0.045	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.572	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.572	0.052	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.572	0.069	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.572	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.572	0.206	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.572	0.156	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.572	0.086	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.572	0.149	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.572	0.077	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.572	0.328	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.572	0.231	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.572	0.054	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.572	0.175	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.572	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.572	0.097	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.572	0.080	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.572	0.234	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.572	0.062	1
PFOA/PFOS, Total	ND		ug/kg	0.572	0.048	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10 Date Collected: 12/09/20 08:25

Client ID: SOIL-SB-116 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	113		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	120		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	105		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	110		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	124		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	85		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	118		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	51		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	115		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		26-160

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11
Client ID: SOIL-SB-120
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 13:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/19/20 23:05
Analyst: SLR
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	150	44.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11 Date Collected: 12/09/20 13:10

Client ID: SOIL-SB-120 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	150	64.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11 Date Collected: 12/09/20 13:10

Client ID: SOIL-SB-120 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	180	55.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	37.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	58		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12
Client ID: SOIL-SB-121
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 14:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 00:13
Analyst: SLR
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12 Date Collected: 12/09/20 14:25

Client ID: SOIL-SB-121 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	41	J	ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	170	J	ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Carbazole	ND		ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	74.	1
Benzaldehyde	ND		ug/kg	280	57.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12 Date Collected: 12/09/20 14:25

Client ID: SOIL-SB-121 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	65.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	61		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 00:35
Analyst: SLR
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13 Date Collected: 12/09/20 15:50

Client ID: SOIL-SB-124 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13 Date Collected: 12/09/20 15:50

Client ID: SOIL-SB-124 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	29	8.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	59		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/21/20 00:10
Analyst: SG
Percent Solids: 86%

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.569	0.026	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.569	0.052	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.569	0.044	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.569	0.060	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.569	0.051	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.569	0.069	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.569	0.048	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.569	0.204	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.569	0.155	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.569	0.085	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.569	0.148	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.569	0.076	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.569	0.327	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.569	0.229	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.569	0.053	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.569	0.174	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.569	0.112	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.569	0.096	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.569	0.080	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.569	0.233	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.569	0.062	1
PFOA/PFOS, Total	ND		ug/kg	0.569	0.048	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13 Date Collected: 12/09/20 15:50

Client ID: SOIL-SB-124 Date Received: 12/09/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	110		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	108		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	113		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	119		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	101		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	108		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	101		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	124		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	94		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	116		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	81		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	111		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	79		26-160

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14
Client ID: SOIL-SB-125
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 16:25
Analyst: SZ
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	60.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	ND		ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	26.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	35.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	78.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	55.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14 Date Collected: 12/10/20 09:10

Client ID: SOIL-SB-125 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	38.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	35.	1
Anthracene	ND		ug/kg	130	44.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	93.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	300	60.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14 Date Collected: 12/10/20 09:10

Client ID: SOIL-SB-125 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	65		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 16:02
Analyst: SZ
Percent Solids: 61%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	210	28.	1
Hexachlorobenzene	ND		ug/kg	160	30.	1
Bis(2-chloroethyl)ether	ND		ug/kg	240	36.	1
2-Chloronaphthalene	ND		ug/kg	270	26.	1
3,3'-Dichlorobenzidine	ND		ug/kg	270	71.	1
2,4-Dinitrotoluene	ND		ug/kg	270	53.	1
2,6-Dinitrotoluene	ND		ug/kg	270	46.	1
Fluoranthene	ND		ug/kg	160	31.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	270	28.	1
4-Bromophenyl phenyl ether	ND		ug/kg	270	41.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	320	46.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	290	27.	1
Hexachlorobutadiene	ND		ug/kg	270	39.	1
Hexachlorocyclopentadiene	ND		ug/kg	760	240	1
Hexachloroethane	ND		ug/kg	210	43.	1
Isophorone	ND		ug/kg	240	35.	1
Naphthalene	ND		ug/kg	270	32.	1
Nitrobenzene	ND		ug/kg	240	40.	1
NDPA/DPA	ND		ug/kg	210	30.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	270	41.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	270	92.	1
Butyl benzyl phthalate	ND		ug/kg	270	67.	1
Di-n-butylphthalate	ND		ug/kg	270	51.	1
Di-n-octylphthalate	ND		ug/kg	270	91.	1
Diethyl phthalate	ND		ug/kg	270	25.	1
Dimethyl phthalate	ND		ug/kg	270	56.	1
Benzo(a)anthracene	ND		ug/kg	160	30.	1
Benzo(a)pyrene	ND		ug/kg	210	65.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15 Date Collected: 12/10/20 10:30

Client ID: SOIL-SB-126 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	160	45.	1
Benzo(k)fluoranthene	ND		ug/kg	160	43.	1
Chrysene	ND		ug/kg	160	28.	1
Acenaphthylene	ND		ug/kg	210	41.	1
Anthracene	ND		ug/kg	160	52.	1
Benzo(ghi)perylene	ND		ug/kg	210	31.	1
Fluorene	ND		ug/kg	270	26.	1
Phenanthrene	ND		ug/kg	160	32.	1
Dibenzo(a,h)anthracene	ND		ug/kg	160	31.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	210	37.	1
Pyrene	ND		ug/kg	160	26.	1
Biphenyl	ND		ug/kg	610	62.	1
4-Chloroaniline	ND		ug/kg	270	48.	1
2-Nitroaniline	ND		ug/kg	270	51.	1
3-Nitroaniline	ND		ug/kg	270	50.	1
4-Nitroaniline	ND		ug/kg	270	110	1
Dibenzofuran	ND		ug/kg	270	25.	1
2-Methylnaphthalene	ND		ug/kg	320	32.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	270	28.	1
Acetophenone	ND		ug/kg	270	33.	1
2,4,6-Trichlorophenol	ND		ug/kg	160	51.	1
p-Chloro-m-cresol	ND		ug/kg	270	40.	1
2-Chlorophenol	ND		ug/kg	270	32.	1
2,4-Dichlorophenol	ND		ug/kg	240	43.	1
2,4-Dimethylphenol	ND		ug/kg	270	88.	1
2-Nitrophenol	ND		ug/kg	580	100	1
4-Nitrophenol	ND		ug/kg	370	110	1
2,4-Dinitrophenol	ND		ug/kg	1300	120	1
4,6-Dinitro-o-cresol	ND		ug/kg	690	130	1
Pentachlorophenol	ND		ug/kg	210	59.	1
Phenol	ND		ug/kg	270	40.	1
2-Methylphenol	ND		ug/kg	270	41.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	380	42.	1
2,4,5-Trichlorophenol	ND		ug/kg	270	51.	1
Carbazole	ND		ug/kg	270	26.	1
Atrazine	ND		ug/kg	210	93.	1
Benzaldehyde	ND		ug/kg	350	72.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15 Date Collected: 12/10/20 10:30

Client ID: SOIL-SB-126 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	270	81.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	270	54.	1
1,4-Dioxane	ND		ug/kg	40	12.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	59		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 21:25
Analyst: SG
Percent Solids: 61%

Extraction Method: ALPHA 23528
Extraction Date: 12/21/20 09:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.794	0.036	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.794	0.073	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.794	0.062	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.794	0.083	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.794	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.794	0.096	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.794	0.067	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.794	0.285	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.794	0.217	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.794	0.119	1
Perfluorooctanesulfonic Acid (PFOS)	0.923		ug/kg	0.794	0.206	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.794	0.106	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.794	0.456	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.794	0.320	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.794	0.074	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.794	0.243	1
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.794	0.156	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.794	0.134	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.794	0.111	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.794	0.325	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.794	0.086	1
PFOA/PFOS, Total	0.923		ug/kg	0.794	0.067	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15 Date Collected: 12/10/20 10:30

Client ID: SOIL-SB-126 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	85		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	94		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	90		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	98		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	81		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	93		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	83		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	87		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	97		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	93		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		26-160

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16
Client ID: SOIL-SB-128
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 15:39
Analyst: SZ
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	62	J	ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	29.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	440		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	200	28.	1
Naphthalene	160	J	ug/kg	220	26.	1
Nitrobenzene	ND		ug/kg	200	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	55.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	200		ug/kg	130	24.	1
Benzo(a)pyrene	210		ug/kg	170	53.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16 Date Collected: 12/10/20 11:15

Client ID: SOIL-SB-128 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	220		ug/kg	130	36.	1
Benzo(k)fluoranthene	66	J	ug/kg	130	35.	1
Chrysene	190		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	34.	1
Anthracene	98	J	ug/kg	130	42.	1
Benzo(ghi)perylene	110	J	ug/kg	170	26.	1
Fluorene	73	J	ug/kg	220	21.	1
Phenanthrene	400		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	31	J	ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	110	J	ug/kg	170	30.	1
Pyrene	380		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	490	50.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	46	J	ug/kg	220	20.	1
2-Methylnaphthalene	34	J	ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	72.	1
2-Nitrophenol	ND		ug/kg	470	82.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	240	J	ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	38	J	ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	290	58.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16 Date Collected: 12/10/20 11:15

Client ID: SOIL-SB-128 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	58		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17
Client ID: SOIL-SB-129
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 12:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 15:17
Analyst: SZ
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	25	J	ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	45.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	140		ug/kg	130	26.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	270	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	33.	1
Hexachlorocyclopentadiene	ND		ug/kg	640	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	100	J	ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	76.	1
Diethyl phthalate	ND		ug/kg	220	21.	1
Dimethyl phthalate	ND		ug/kg	220	47.	1
Benzo(a)anthracene	70	J	ug/kg	130	25.	1
Benzo(a)pyrene	68	J	ug/kg	180	54.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17 Date Collected: 12/10/20 12:05

Client ID: SOIL-SB-129 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	84	J	ug/kg	130	38.	1
Benzo(k)fluoranthene	ND		ug/kg	130	36.	1
Chrysene	70	J	ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	46	J	ug/kg	130	44.	1
Benzo(ghi)perylene	31	J	ug/kg	180	26.	1
Fluorene	32	J	ug/kg	220	22.	1
Phenanthrene	85	J	ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	35	J	ug/kg	180	31.	1
Pyrene	160		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	510	52.	1
4-Chloroaniline	ND		ug/kg	220	41.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	32	J	ug/kg	220	21.	1
2-Methylnaphthalene	120	J	ug/kg	270	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	28.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	ND		ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	74.	1
2-Nitrophenol	ND		ug/kg	480	84.	1
4-Nitrophenol	ND		ug/kg	310	91.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	34.	1
2-Methylphenol	ND		ug/kg	220	35.	1
3-Methylphenol/4-Methylphenol	58	J	ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	43.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	290	60.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17 Date Collected: 12/10/20 12:05

Client ID: SOIL-SB-129 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	68.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	65		10-136
4-Terphenyl-d14	52		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18
Client ID: SOIL-SB-130
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 14:54
Analyst: SZ
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	23.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	28.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	54.	1
2,4-Dinitrotoluene	ND		ug/kg	200	41.	1
2,6-Dinitrotoluene	ND		ug/kg	200	35.	1
Fluoranthene	ND		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	22.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	31.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	35.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	30.	1
Hexachlorocyclopentadiene	ND		ug/kg	580	180	1
Hexachloroethane	ND		ug/kg	160	33.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	ND		ug/kg	200	25.	1
Nitrobenzene	ND		ug/kg	180	30.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	70.	1
Butyl benzyl phthalate	ND		ug/kg	200	51.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	69.	1
Diethyl phthalate	ND		ug/kg	200	19.	1
Dimethyl phthalate	ND		ug/kg	200	43.	1
Benzo(a)anthracene	ND		ug/kg	120	23.	1
Benzo(a)pyrene	ND		ug/kg	160	50.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18 Date Collected: 12/10/20 13:15

Client ID: SOIL-SB-130 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	34.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	40.	1
Benzo(ghi)perylene	ND		ug/kg	160	24.	1
Fluorene	ND		ug/kg	200	20.	1
Phenanthrene	ND		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	ND		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	47.	1
4-Chloroaniline	ND		ug/kg	200	37.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	84.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	ND		ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	33.	1
2,4-Dimethylphenol	ND		ug/kg	200	67.	1
2-Nitrophenol	ND		ug/kg	440	76.	1
4-Nitrophenol	ND		ug/kg	280	83.	1
2,4-Dinitrophenol	ND		ug/kg	980	95.	1
4,6-Dinitro-o-cresol	ND		ug/kg	530	98.	1
Pentachlorophenol	ND		ug/kg	160	45.	1
Phenol	ND		ug/kg	200	31.	1
2-Methylphenol	ND		ug/kg	200	32.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	32.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	39.	1
Carbazole	ND		ug/kg	200	20.	1
Atrazine	ND		ug/kg	160	71.	1
Benzaldehyde	ND		ug/kg	270	55.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18 Date Collected: 12/10/20 13:15

Client ID: SOIL-SB-130 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	62.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	41.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	55		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 14:32
Analyst: SZ
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	57.	1
2,4-Dinitrotoluene	ND		ug/kg	210	43.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	610	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	74.	1
Butyl benzyl phthalate	ND		ug/kg	210	54.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	45.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19 Date Collected: 12/10/20 13:40

Client ID: SOIL-SB-131 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	42.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	21.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	30.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	490	49.	1
4-Chloroaniline	ND		ug/kg	210	39.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	87.	1
2,4-Dinitrophenol	ND		ug/kg	1000	99.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	47.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	33.	1
2,4,5-Trichlorophenol	ND		ug/kg	210	41.	1
Carbazole	ND		ug/kg	210	21.	1
Atrazine	ND		ug/kg	170	75.	1
Benzaldehyde	ND		ug/kg	280	58.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19 Date Collected: 12/10/20 13:40

Client ID: SOIL-SB-131 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	210	65.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	210	43.	1
1,4-Dioxane	ND		ug/kg	32	9.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	73		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	52		18-120

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 21:41
Analyst: SG
Percent Solids: 77%

Extraction Method: ALPHA 23528
Extraction Date: 12/21/20 09:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.589	0.027	1
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.589	0.054	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.589	0.046	1
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.589	0.062	1
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.589	0.053	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.589	0.071	1
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.589	0.049	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.589	0.211	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.589	0.161	1
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.589	0.088	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.589	0.153	1
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.589	0.079	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.589	0.338	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.589	0.237	1
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.589	0.055	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.589	0.180	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.589	0.100	1
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.589	0.082	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.589	0.241	1
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.589	0.064	1
PFOA/PFOS, Total	ND		ug/kg	0.589	0.049	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19 Date Collected: 12/10/20 13:40

Client ID: SOIL-SB-131 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	97		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	89		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	103		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	70		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		64-158
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	97		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	64		26-160

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/27/20 18:36
Analyst: SG
Percent Solids: 77%

Extraction Method: ALPHA 23528
Extraction Date: 12/21/20 09:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.589	0.115	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	73		1-125

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20
Client ID: SOIL-SB-132
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 14:09
Analyst: SZ
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	33.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	22.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20 Date Collected: 12/10/20 14:05

Client ID: SOIL-SB-132 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	27.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	440	44.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20 Date Collected: 12/10/20 14:05

Client ID: SOIL-SB-132 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	56		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 04:32
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 Date Collected: 12/10/20 08:15

Client ID: TMW-116 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	82		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 02:32
Analyst: DV

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.08	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.07	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.12		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.08	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.06	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 Date Collected: 12/10/20 08:15

Client ID: TMW-116 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	102		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	107		10-120
4-Terphenyl-d14	95		41-149

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/20 22:22
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/15/20 20:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	50		15-110

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 06:03
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.36		ng/l	1.75	0.357	1
Perfluoropentanoic Acid (PFPeA)	7.81		ng/l	1.75	0.346	1
Perfluorobutanesulfonic Acid (PFBS)	1.82		ng/l	1.75	0.208	1
Perfluorohexanoic Acid (PFHxA)	38.1		ng/l	1.75	0.287	1
Perfluoroheptanoic Acid (PFHpA)	5.62		ng/l	1.75	0.197	1
Perfluorohexanesulfonic Acid (PFHxS)	0.629	J	ng/l	1.75	0.329	1
Perfluorooctanoic Acid (PFOA)	1.88		ng/l	1.75	0.206	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	292	F	ng/l	1.75	1.16	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.75	0.601	1
Perfluorononanoic Acid (PFNA)	0.650	J	ng/l	1.75	0.273	1
Perfluorooctanesulfonic Acid (PFOS)	5.85	F	ng/l	1.75	0.440	1
Perfluorodecanoic Acid (PFDA)	0.297	J	ng/l	1.75	0.266	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.75	1.06	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.75	0.566	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.75	0.227	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.75	0.857	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.75	0.507	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.75	0.703	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.75	0.325	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.75	0.286	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.75	0.217	1
PFOA/PFOS, Total	7.73		ng/l	1.75	0.206	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 Date Collected: 12/10/20 08:15

Client ID: TMW-116 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	77		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	90		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	69		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	84		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	79		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**255**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	84		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	90		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	78		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	168		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	48		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	50		33-143

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 RE
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 12:12
Analyst: SG

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.18		ng/l	1.81	0.369	1
Perfluoropentanoic Acid (PFPeA)	5.76		ng/l	1.81	0.358	1
Perfluorobutanesulfonic Acid (PFBS)	1.48	J	ng/l	1.81	0.215	1
Perfluorohexanoic Acid (PFHxA)	26.6		ng/l	1.81	0.297	1
Perfluoroheptanoic Acid (PFHpA)	3.86		ng/l	1.81	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	0.558	J	ng/l	1.81	0.340	1
Perfluorooctanoic Acid (PFOA)	1.66	J	ng/l	1.81	0.214	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	203	F	ng/l	1.81	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.81	0.623	1
Perfluorononanoic Acid (PFNA)	0.565	J	ng/l	1.81	0.282	1
Perfluorooctanesulfonic Acid (PFOS)	6.18	F	ng/l	1.81	0.456	1
Perfluorodecanoic Acid (PFDA)	0.315	J	ng/l	1.81	0.275	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.81	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.81	0.586	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.81	0.235	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.81	0.887	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.81	0.728	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.81	0.337	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.81	0.296	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.81	0.224	1
PFOA/PFOS, Total	7.84	J	ng/l	1.81	0.214	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-21	RE	Date Collected:	12/10/20 08:15
Client ID:	TMW-116		Date Received:	12/11/20
Sample Location:	SYRACUSE, NY		Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	73		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	82		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	84		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	66		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	96		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	72		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	200		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	71		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	80		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	74		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	134		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	55		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	78		40-144
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	45		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	70		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	43		33-143

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21 RE
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 14:38
Analyst: RS

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.81	0.525	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53		1-87

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22
Client ID: TMW-119
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 07:35
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22 Date Collected: 12/10/20 08:30

Client ID: TMW-119 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	59		15-120
2,4,6-Tribromophenol	73		10-120
4-Terphenyl-d14	61		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22
Client ID: TMW-119
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 03:49
Analyst: DV

Date Collected: 12/10/20 08:30
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.05	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.58		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.23		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.31		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.31		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.39		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.13		ug/l	0.10	0.01	1
Chrysene	0.29		ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	0.10		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.19		ug/l	0.10	0.01	1
Fluorene	0.06	J	ug/l	0.10	0.01	1
Phenanthrene	0.38		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.21		ug/l	0.10	0.01	1
Pyrene	0.51		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-22	Date Collected:	12/10/20 08:30
Client ID:	TMW-119	Date Received:	12/11/20
Sample Location:	SYRACUSE, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	96		10-120
4-Terphenyl-d14	70		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23
Client ID: TMW-104
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 03:40
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23 Date Collected: 12/10/20 09:10

Client ID: TMW-104 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	92		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23
Client ID: TMW-104
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 02:51
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.36		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	0.04	J	ug/l	0.10	0.01	1
Phenanthrene	0.12		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.09	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-23	Date Collected:	12/10/20 09:10
Client ID:	TMW-104	Date Received:	12/11/20
Sample Location:	SYRACUSE, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	52		10-120
Nitrobenzene-d5	101		23-120
2-Fluorobiphenyl	102		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	114		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:00
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 04:06
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24 Date Collected: 12/10/20 09:00

Client ID: CHA-1 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		21-120
Phenol-d6	63		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	103		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 03:11
Analyst: DV

Date Collected: 12/10/20 09:00
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.48		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.20		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.15		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.05	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.04	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.06	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.14		ug/l	0.10	0.01	1
Phenanthrene	0.26		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.18		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-24	Date Collected:	12/10/20 09:00
Client ID:	CHA-1	Date Received:	12/11/20
Sample Location:	SYRACUSE, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	104		15-120
2,4,6-Tribromophenol	115		10-120
4-Terphenyl-d14	119		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 08:28
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	1.1	J	ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	8.1		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25 Date Collected: 12/10/20 09:40

Client ID: TMW-134 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	7.9		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	95		41-149

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 02:32
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/15/20 20:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	59		15-110

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 17:41
Analyst: DV

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	12		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	25		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	15		ug/l	0.10	0.05	1
Benzo(a)anthracene	10		ug/l	0.10	0.02	1
Benzo(a)pyrene	8.5		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	9.6		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	2.8		ug/l	0.10	0.01	1
Chrysene	7.3		ug/l	0.10	0.01	1
Acenaphthylene	0.12		ug/l	0.10	0.01	1
Anthracene	10		ug/l	0.10	0.01	1
Benzo(ghi)perylene	4.4		ug/l	0.10	0.01	1
Fluorene	10		ug/l	0.10	0.01	1
Phenanthrene	40		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.98		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	4.5		ug/l	0.10	0.01	1
Pyrene	21		ug/l	0.10	0.02	1
2-Methylnaphthalene	4.8		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-25	Date Collected:	12/10/20 09:40
Client ID:	TMW-134	Date Received:	12/11/20
Sample Location:	SYRACUSE, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	82		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 06:20
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.71		ng/l	1.86	0.380	1
Perfluoropentanoic Acid (PFPeA)	3.17		ng/l	1.86	0.369	1
Perfluorobutanesulfonic Acid (PFBS)	2.06		ng/l	1.86	0.222	1
Perfluorohexanoic Acid (PFHxA)	3.26		ng/l	1.86	0.306	1
Perfluoroheptanoic Acid (PFHpA)	1.46	J	ng/l	1.86	0.210	1
Perfluorohexanesulfonic Acid (PFHxS)	0.787	J	ng/l	1.86	0.351	1
Perfluorooctanoic Acid (PFOA)	2.90	F	ng/l	1.86	0.220	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	9.71	B	ng/l	1.86	1.24	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.86	0.642	1
Perfluorononanoic Acid (PFNA)	0.668	J	ng/l	1.86	0.291	1
Perfluorooctanesulfonic Acid (PFOS)	4.33	F	ng/l	1.86	0.470	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.86	0.284	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.86	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.86	0.604	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.86	0.242	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.86	0.914	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.86	0.541	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.86	0.750	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.86	0.347	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.86	0.305	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.86	0.231	1
PFOA/PFOS, Total	7.23		ng/l	1.86	0.220	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25 Date Collected: 12/10/20 09:40

Client ID: TMW-134 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**354**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	95		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	91		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	88		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**344**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	116		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	71		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	83		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	55		33-143

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25 RE
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 12:29
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.04		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	3.67		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	2.59		ng/l	1.84	0.220	1
Perfluorohexanoic Acid (PFHxA)	3.66		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	1.59	J	ng/l	1.84	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	0.627	J	ng/l	1.84	0.347	1
Perfluorooctanoic Acid (PFOA)	3.01	F	ng/l	1.84	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	13.4	F	ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.84	0.634	1
Perfluorononanoic Acid (PFNA)	0.719	J	ng/l	1.84	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	5.00	F	ng/l	1.84	0.465	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.598	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.904	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.535	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.742	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.302	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.229	1
PFOA/PFOS, Total	8.01		ng/l	1.84	0.218	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25 RE Date Collected: 12/10/20 09:40

Client ID: TMW-134 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	84		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	93		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	75		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	84		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**276**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	83		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**223**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	84		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	15		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	74		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	44		33-143

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26
Client ID: TMW-112
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 03:14
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26 Date Collected: 12/10/20 10:30

Client ID: TMW-112 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	85		15-120
2,4,6-Tribromophenol	83		10-120
4-Terphenyl-d14	94		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26
Client ID: TMW-112
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 03:30
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	3.3		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.41		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.44		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.14		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.11		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.13		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.05	J	ug/l	0.10	0.01	1
Chrysene	0.14		ug/l	0.10	0.01	1
Acenaphthylene	1.0		ug/l	0.10	0.01	1
Anthracene	0.55		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.08	J	ug/l	0.10	0.01	1
Fluorene	5.3		ug/l	0.10	0.01	1
Phenanthrene	5.0		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.08	J	ug/l	0.10	0.01	1
Pyrene	0.83		ug/l	0.10	0.02	1
2-Methylnaphthalene	6.1		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-26	Date Collected:	12/10/20 10:30
Client ID:	TMW-112	Date Received:	12/11/20
Sample Location:	SYRACUSE, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	89		15-120
2,4,6-Tribromophenol	114		10-120
4-Terphenyl-d14	101		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 02:22
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 Date Collected: 12/10/20 11:10

Client ID: TMW-133 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	75		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/20 22:49
Analyst: WR

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/15/20 20:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	145.	J	ng/l	156	35.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	64		15-110

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 18:02
Analyst: DV

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-27	Date Collected:	12/10/20 11:10
Client ID:	TMW-133	Date Received:	12/11/20
Sample Location:	SYRACUSE, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	54		10-120
Nitrobenzene-d5	87		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	43		10-120
4-Terphenyl-d14	71		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 06:36
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.58		ng/l	1.89	0.386	1
Perfluoropentanoic Acid (PFPeA)	10.7		ng/l	1.89	0.375	1
Perfluorobutanesulfonic Acid (PFBS)	1.45	J	ng/l	1.89	0.225	1
Perfluorohexanoic Acid (PFHxA)	12.3		ng/l	1.89	0.311	1
Perfluoroheptanoic Acid (PFHpA)	2.53		ng/l	1.89	0.213	1
Perfluorohexanesulfonic Acid (PFHxS)	0.489	J	ng/l	1.89	0.356	1
Perfluorooctanoic Acid (PFOA)	3.29	F	ng/l	1.89	0.223	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	84.5	F	ng/l	1.89	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.89	0.652	1
Perfluorononanoic Acid (PFNA)	0.784	J	ng/l	1.89	0.295	1
Perfluorooctanesulfonic Acid (PFOS)	3.51	F	ng/l	1.89	0.477	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.89	0.288	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.89	1.15	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.89	0.614	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.89	0.246	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.89	0.928	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.89	0.549	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.41	J	ng/l	1.89	0.761	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.89	0.352	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.89	0.310	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.89	0.235	1
PFOA/PFOS, Total	6.80		ng/l	1.89	0.223	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 Date Collected: 12/10/20 11:10

Client ID: TMW-133 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	91		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**270**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**215**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	110		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	52		33-143

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 RE
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 12:45
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	3.62		ng/l	1.89	0.386	1
Perfluoropentanoic Acid (PFPeA)	10.6		ng/l	1.89	0.374	1
Perfluorobutanesulfonic Acid (PFBS)	1.51	J	ng/l	1.89	0.225	1
Perfluorohexanoic Acid (PFHxA)	9.86		ng/l	1.89	0.310	1
Perfluoroheptanoic Acid (PFHpA)	2.44		ng/l	1.89	0.213	1
Perfluorohexanesulfonic Acid (PFHxS)	0.492	J	ng/l	1.89	0.355	1
Perfluorooctanoic Acid (PFOA)	3.28	F	ng/l	1.89	0.223	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	65.2	F	ng/l	1.89	1.26	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.89	0.650	1
Perfluorononanoic Acid (PFNA)	0.575	J	ng/l	1.89	0.295	1
Perfluorooctanesulfonic Acid (PFOS)	4.90	F	ng/l	1.89	0.476	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.89	0.287	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.89	1.14	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.89	0.612	1
Perfluoroundecanoic Acid (PFUnA)	0.378	J	ng/l	1.89	0.246	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.89	0.926	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.89	0.548	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.911	J	ng/l	1.89	0.760	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.89	0.352	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.89	0.309	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.89	0.234	1
PFOA/PFOS, Total	8.18		ng/l	1.89	0.223	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27 RE Date Collected: 12/10/20 11:10

Client ID: TMW-133 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	86		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	86		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	229		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	79		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**194**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	84		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	44		33-143

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28
Client ID: TMW-101
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 05:51
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28 Date Collected: 12/10/20 11:40

Client ID: TMW-101 Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	72		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28
Client ID: TMW-101
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 18:23
Analyst: DV

Date Collected: 12/10/20 11:40
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.10	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.31		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.64		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.18		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.16		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.19		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.07	J	ug/l	0.10	0.01	1
Chrysene	0.13		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.06	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.08	J	ug/l	0.10	0.01	1
Fluorene	0.05	J	ug/l	0.10	0.01	1
Phenanthrene	0.25		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.09	J	ug/l	0.10	0.01	1
Pyrene	0.28		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-28	Date Collected:	12/10/20 11:40
Client ID:	TMW-101	Date Received:	12/11/20
Sample Location:	SYRACUSE, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	53		10-120
Nitrobenzene-d5	76		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	41		10-120
4-Terphenyl-d14	64		41-149

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29
Client ID: MW-5A
Sample Location: SYRACUSE, NY

Date Collected: 12/11/20 13:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 00:11
Analyst: JRW

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29 Date Collected: 12/11/20 13:10

Client ID: MW-5A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	71		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29
Client ID: MW-5A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 14:51
Analyst: DV

Date Collected: 12/11/20 13:10
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.07	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.07	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.07	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29 Date Collected: 12/11/20 13:10

Client ID: MW-5A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	51		21-120
Phenol-d6	57		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	69		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	72		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 02:48
Analyst: JRW

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 Date Collected: 12/10/20 13:45

Client ID: MW-6A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	ND		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		21-120
Phenol-d6	66		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	92		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	96		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/20 23:16
Analyst: WR

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/15/20 20:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	2180		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	50		15-110

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 18:44
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.04	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 Date Collected: 12/10/20 13:45

Client ID: MW-6A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	66		21-120
Phenol-d6	71		10-120
Nitrobenzene-d5	110		23-120
2-Fluorobiphenyl	83		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	90		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 06:53
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	17.2		ng/l	1.87	0.382	1
Perfluoropentanoic Acid (PFPeA)	51.6		ng/l	1.87	0.371	1
Perfluorobutanesulfonic Acid (PFBS)	4.37		ng/l	1.87	0.223	1
Perfluorohexanoic Acid (PFHxA)	44.8		ng/l	1.87	0.307	1
Perfluoroheptanoic Acid (PFHpA)	17.9		ng/l	1.87	0.211	1
Perfluorohexanesulfonic Acid (PFHxS)	5.99		ng/l	1.87	0.352	1
Perfluorooctanoic Acid (PFOA)	45.0	F	ng/l	1.87	0.221	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	52.8	F	ng/l	1.87	1.25	1
Perfluoroheptanesulfonic Acid (PFHpS)	3.72		ng/l	1.87	0.644	1
Perfluorononanoic Acid (PFNA)	7.94		ng/l	1.87	0.292	1
Perfluorooctanesulfonic Acid (PFOS)	130	F	ng/l	1.87	0.472	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.87	0.285	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.87	1.13	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.87	0.607	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.87	0.243	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.87	0.918	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.87	0.543	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.87	0.753	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.87	0.348	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.87	0.306	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.87	0.232	1
PFOA/PFOS, Total	175		ng/l	1.87	0.221	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 Date Collected: 12/10/20 13:45

Client ID: MW-6A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	85		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	74		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	87		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**285**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**276**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	94		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	77		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	84		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	54		33-143

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 RE
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 13:02
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	15.6		ng/l	1.84	0.376	1
Perfluoropentanoic Acid (PFPeA)	53.4		ng/l	1.84	0.365	1
Perfluorobutanesulfonic Acid (PFBS)	4.25		ng/l	1.84	0.219	1
Perfluorohexanoic Acid (PFHxA)	46.2		ng/l	1.84	0.302	1
Perfluoroheptanoic Acid (PFHpA)	18.6		ng/l	1.84	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	5.78		ng/l	1.84	0.346	1
Perfluorooctanoic Acid (PFOA)	47.1	F	ng/l	1.84	0.217	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	54.9	F	ng/l	1.84	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	4.06		ng/l	1.84	0.634	1
Perfluorononanoic Acid (PFNA)	8.28		ng/l	1.84	0.288	1
Perfluorooctanesulfonic Acid (PFOS)	131	F	ng/l	1.84	0.464	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.84	0.280	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.84	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.84	0.597	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.84	0.240	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.84	0.903	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.84	0.534	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.84	0.741	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.84	0.343	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.84	0.302	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.84	0.228	1
PFOA/PFOS, Total	178		ng/l	1.84	0.217	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30 RE Date Collected: 12/10/20 13:45
Client ID: MW-6A Date Received: 12/11/20
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	86		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	77		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	89		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	70		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**279**	Q	1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	92		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	87		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	81		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**233**	Q	7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	78		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	89		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	78		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	45		33-143

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 12/19/20 06:43
Analyst: JRW

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31 Date Collected: 12/10/20 14:25

Client ID: MW-7A Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Carbazole	ND		ug/l	2.0	0.49	1
Atrazine	ND		ug/l	10	0.76	1
Benzaldehyde	ND		ug/l	5.0	0.53	1
Caprolactam	15.		ug/l	10	3.3	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	61		10-120
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	97		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 12/20/20 19:06
Analyst: DV

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:38

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID:	L2054538-31	Date Collected:	12/10/20 14:25
Client ID:	MW-7A	Date Received:	12/11/20
Sample Location:	SYRACUSE, NY	Field Prep:	Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	59		10-120
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	72		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	81		41-149

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-32
Client ID: TRIP BLANK
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 07:10
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.85	0.378	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.85	0.367	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.85	0.220	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.85	0.304	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.85	0.208	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.85	0.348	1
Perfluorooctanoic Acid (PFOA)	0.393	J	ng/l	1.85	0.218	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.85	1.23	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.85	0.637	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.85	0.289	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.85	0.467	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.85	0.282	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.85	1.12	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.85	0.600	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.85	0.241	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.85	0.908	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.85	0.537	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.85	0.745	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.85	0.344	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.85	0.303	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.85	0.230	1
PFOA/PFOS, Total	0.393	J	ng/l	1.85	0.218	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-32 Date Collected: 12/10/20 14:45

Client ID: TRIP BLANK Date Received: 12/11/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	94		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	117		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	101		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	99		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	122		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	83		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	34		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		33-143

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33
Client ID: SOIL-SB-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 15:45
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 13:47
Analyst: SZ
Percent Solids: 77%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
1,2,4-Trichlorobenzene	ND		ug/kg	210	24.	1
Hexachlorobenzene	ND		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	210	21.	1
1,2-Dichlorobenzene	ND		ug/kg	210	38.	1
1,3-Dichlorobenzene	ND		ug/kg	210	36.	1
1,4-Dichlorobenzene	ND		ug/kg	210	37.	1
3,3'-Dichlorobenzidine	ND		ug/kg	210	56.	1
2,4-Dinitrotoluene	ND		ug/kg	210	42.	1
2,6-Dinitrotoluene	ND		ug/kg	210	36.	1
Fluoranthene	ND		ug/kg	130	24.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	210	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	210	32.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	250	36.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	21.	1
Hexachlorobutadiene	ND		ug/kg	210	31.	1
Hexachlorocyclopentadiene	ND		ug/kg	600	190	1
Hexachloroethane	ND		ug/kg	170	34.	1
Isophorone	ND		ug/kg	190	27.	1
Naphthalene	ND		ug/kg	210	26.	1
Nitrobenzene	ND		ug/kg	190	31.	1
NDPA/DPA	ND		ug/kg	170	24.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	210	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	210	73.	1
Butyl benzyl phthalate	ND		ug/kg	210	53.	1
Di-n-butylphthalate	ND		ug/kg	210	40.	1
Di-n-octylphthalate	ND		ug/kg	210	72.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33 Date Collected: 12/10/20 15:45

Client ID: SOIL-SB-134 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	210	20.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	ND		ug/kg	130	24.	1
Benzo(a)pyrene	ND		ug/kg	170	52.	1
Benzo(b)fluoranthene	ND		ug/kg	130	36.	1
Benzo(k)fluoranthene	ND		ug/kg	130	34.	1
Chrysene	ND		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	ND		ug/kg	130	41.	1
Benzo(ghi)perylene	ND		ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	ND		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	24.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	170	29.	1
Pyrene	ND		ug/kg	130	21.	1
Biphenyl	ND		ug/kg	480	49.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	41.	1
3-Nitroaniline	ND		ug/kg	210	40.	1
4-Nitroaniline	ND		ug/kg	210	88.	1
Dibenzofuran	ND		ug/kg	210	20.	1
2-Methylnaphthalene	ND		ug/kg	250	26.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	210	22.	1
Acetophenone	ND		ug/kg	210	26.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	40.	1
p-Chloro-m-cresol	ND		ug/kg	210	32.	1
2-Chlorophenol	ND		ug/kg	210	25.	1
2,4-Dichlorophenol	ND		ug/kg	190	34.	1
2,4-Dimethylphenol	ND		ug/kg	210	70.	1
2-Nitrophenol	ND		ug/kg	460	80.	1
4-Nitrophenol	ND		ug/kg	300	86.	1
2,4-Dinitrophenol	ND		ug/kg	1000	98.	1
4,6-Dinitro-o-cresol	ND		ug/kg	550	100	1
Pentachlorophenol	ND		ug/kg	170	46.	1
Phenol	ND		ug/kg	210	32.	1
2-Methylphenol	ND		ug/kg	210	33.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	300	33.	1

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33 Date Collected: 12/10/20 15:45

Client ID: SOIL-SB-134 Date Received: 12/10/20

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	210	40.	1
Benzoic Acid	ND		ug/kg	680	210	1
Benzyl Alcohol	ND		ug/kg	210	65.	1
Carbazole	ND		ug/kg	210	20.	1
1,4-Dioxane	ND		ug/kg	32	9.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	71		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	52		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/19/20 15:00
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/15/20 20:30

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 21,25,27,30 Batch: WG1445527-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	56		15-110

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/16/20 21:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-28,30-31 Batch: WG1445792-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/16/20 21:13
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:36

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 21-28,30-31 Batch: WG1445792-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	86		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	83		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/17/20 23:18
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 21-28,30-31 Batch: WG1445794-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/17/20 23:18
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 08:37

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 21-28,30-31 Batch: WG1445794-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	46		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	96		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	110		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/18/20 08:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 29 Batch: WG1446298-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Isophorone	ND		ug/l	5.0	1.2
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38
Dimethyl phthalate	ND		ug/l	5.0	1.8
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/18/20 08:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 29 Batch: WG1446298-1					
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Carbazole	ND		ug/l	2.0	0.49
Atrazine	ND		ug/l	10	0.76
Benzaldehyde	ND		ug/l	5.0	0.53
Caprolactam	ND		ug/l	10	3.3
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	0.84

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	88		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 09:34
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 29 Batch: WG1446301-1					
Acenaphthene	0.04	J	ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	0.04	J	ug/l	0.10	0.01
Phenanthrene	0.04	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	0.13	J	ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 12/18/20 09:34
Analyst: WR

Extraction Method: EPA 3510C
Extraction Date: 12/17/20 11:45

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 29 Batch: WG1446301-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	103		10-120
4-Terphenyl-d14	111		41-149

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/19/20 18:59
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09,11-20,33 Batch: WG1446971-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/19/20 18:59
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09,11-20,33 Batch: WG1446971-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	99	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/19/20 18:59
Analyst: SLR

Extraction Method: EPA 3546
Extraction Date: 12/19/20 01:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-09,11-20,33 Batch: WG1446971-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	70		10-136
4-Terphenyl-d14	74		18-120

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/20/20 19:35
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 12/19/20 22:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1447257-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/20/20 19:35
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 12/19/20 22:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1447257-1					
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/20/20 19:35
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 12/19/20 22:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 10 Batch: WG1447257-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	109		18-120

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/20/20 21:41
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 03,07,10,13 Batch: WG1447322-1					
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.500	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.500	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.500	0.061
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.500	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.500	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.500	0.130
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.500	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.500	0.054
PFOA/PFOS, Total	ND		ug/kg	0.500	0.042

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/20/20 21:41
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 03,07,10,13 Batch: WG1447322-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	98		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	115		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	110		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	112		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	121		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	103		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	108		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	103		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	128		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	84		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	20		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	112		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		26-160

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 15:59
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 12/20/20 11:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 03,07,10,13 Batch: WG1447322-1					
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	99		1-125

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 20:35
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/21/20 09:52

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 15,19 Batch: WG1447583-1					
Perfluorobutanoic Acid (PFBA)	ND		ug/kg	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ug/kg	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ug/kg	0.500	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ug/kg	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ug/kg	0.500	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ug/kg	0.500	0.061
Perfluorooctanoic Acid (PFOA)	ND		ug/kg	0.500	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ug/kg	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ug/kg	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ug/kg	0.500	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ug/kg	0.500	0.130
Perfluorodecanoic Acid (PFDA)	ND		ug/kg	0.500	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ug/kg	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ug/kg	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ug/kg	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ug/kg	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ug/kg	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ug/kg	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ug/kg	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ug/kg	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ug/kg	0.500	0.054
PFOA/PFOS, Total	ND		ug/kg	0.500	0.042

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/22/20 20:35
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/21/20 09:52

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 15,19 Batch: WG1447583-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	98		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	102		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	86		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	95		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	96		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	9		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	96		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		26-160

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 05:14
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21,25,27,30,32 Batch: WG1448033-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	1.82	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.77	F	ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	8.35	F	ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/28/20 05:14
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/22/20 10:00

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21,25,27,30,32 Batch: WG1448033-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	95		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	114		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	103		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	97		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	113		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	123		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	78		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	101		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	33		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	70		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	67		33-143

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 10:15
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21,25,27,30 Batch: WG1449533-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	1.88	J	ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 10:15
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21,25,27,30 Batch: WG1449533-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	88		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	105		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	86		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	86		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	86		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	112		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	81		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	95		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	31		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	57		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	51		33-143

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 12/29/20 14:17
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 12/28/20 18:30

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 21,25,27,30 Batch: WG1449533-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	61		1-87

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 21,25,27,30 Batch: WG1445527-2 WG1445527-3								
1,4-Dioxane	108		113		40-140	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	52		56		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-28,30-31 Batch: WG1445792-2 WG1445792-3								
Bis(2-chloroethyl)ether	68		67		40-140	1		30
3,3'-Dichlorobenzidine	64		69		40-140	8		30
2,4-Dinitrotoluene	80		81		48-143	1		30
2,6-Dinitrotoluene	84		88		40-140	5		30
4-Chlorophenyl phenyl ether	74		73		40-140	1		30
4-Bromophenyl phenyl ether	76		78		40-140	3		30
Bis(2-chloroisopropyl)ether	72		72		40-140	0		30
Bis(2-chloroethoxy)methane	70		71		40-140	1		30
Hexachlorocyclopentadiene	77		79		40-140	3		30
Isophorone	70		72		40-140	3		30
Nitrobenzene	78		74		40-140	5		30
NDPA/DPA	77		77		40-140	0		30
n-Nitrosodi-n-propylamine	75		74		29-132	1		30
Bis(2-ethylhexyl)phthalate	73		78		40-140	7		30
Butyl benzyl phthalate	81		82		40-140	1		30
Di-n-butylphthalate	71		73		40-140	3		30
Di-n-octylphthalate	74		79		40-140	7		30
Diethyl phthalate	71		74		40-140	4		30
Dimethyl phthalate	83		85		40-140	2		30
Biphenyl	82		84		40-140	2		30
4-Chloroaniline	74		58		40-140	24		30
2-Nitroaniline	85		87		52-143	2		30
3-Nitroaniline	66		70		25-145	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-28,30-31 Batch: WG1445792-2 WG1445792-3								
4-Nitroaniline	71		72		51-143	1		30
Dibenzofuran	74		74		40-140	0		30
1,2,4,5-Tetrachlorobenzene	78		80		2-134	3		30
Acetophenone	70		72		39-129	3		30
2,4,6-Trichlorophenol	88		92		30-130	4		30
p-Chloro-m-cresol	82		84		23-97	2		30
2-Chlorophenol	74		74		27-123	0		30
2,4-Dichlorophenol	85		87		30-130	2		30
2,4-Dimethylphenol	74		72		30-130	3		30
2-Nitrophenol	98		97		30-130	1		30
4-Nitrophenol	68		71		10-80	4		30
2,4-Dinitrophenol	96		100		20-130	4		30
4,6-Dinitro-o-cresol	92		92		20-164	0		30
Phenol	55		55		12-110	0		30
2-Methylphenol	71		70		30-130	1		30
3-Methylphenol/4-Methylphenol	77		79		30-130	3		30
2,4,5-Trichlorophenol	91		92		30-130	1		30
Carbazole	77		79		55-144	3		30
Atrazine	93		97		40-140	4		30
Benzaldehyde	67		67		40-140	0		30
Caprolactam	42		45		10-130	7		30
2,3,4,6-Tetrachlorophenol	78		80		40-140	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-28,30-31 Batch: WG1445792-2 WG1445792-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		58		21-120
Phenol-d6	52		52		10-120
Nitrobenzene-d5	76		76		23-120
2-Fluorobiphenyl	82		84		15-120
2,4,6-Tribromophenol	**121**	Q	118		10-120
4-Terphenyl-d14	78		79		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 21-28,30-31 Batch: WG1445794-2 WG1445794-3								
Acenaphthene	72		73		40-140	1		40
2-Chloronaphthalene	86		90		40-140	5		40
Fluoranthene	97		98		40-140	1		40
Hexachlorobutadiene	86		89		40-140	3		40
Naphthalene	73		80		40-140	9		40
Benzo(a)anthracene	89		89		40-140	0		40
Benzo(a)pyrene	107		107		40-140	0		40
Benzo(b)fluoranthene	87		93		40-140	7		40
Benzo(k)fluoranthene	99		94		40-140	5		40
Chrysene	84		84		40-140	0		40
Acenaphthylene	92		94		40-140	2		40
Anthracene	88		86		40-140	2		40
Benzo(ghi)perylene	90		87		40-140	3		40
Fluorene	85		85		40-140	0		40
Phenanthrene	80		79		40-140	1		40
Dibenzo(a,h)anthracene	100		94		40-140	6		40
Indeno(1,2,3-cd)pyrene	95		93		40-140	2		40
Pyrene	98		99		40-140	1		40
2-Methylnaphthalene	82		87		40-140	6		40
Pentachlorophenol	123		123		40-140	0		40
Hexachlorobenzene	85		84		40-140	1		40
Hexachloroethane	73		75		40-140	3		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

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

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 21-28,30-31 Batch: WG1445794-2 WG1445794-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	53		57		21-120
Phenol-d6	49		53		10-120
Nitrobenzene-d5	91		97		23-120
2-Fluorobiphenyl	89		92		15-120
2,4,6-Tribromophenol	96		97		10-120
4-Terphenyl-d14	101		99		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 Batch: WG1446298-2 WG1446298-3								
Bis(2-chloroethyl)ether	89		78		40-140	13		30
3,3'-Dichlorobenzidine	77		61		40-140	23		30
2,4-Dinitrotoluene	94		90		48-143	4		30
2,6-Dinitrotoluene	93		89		40-140	4		30
4-Chlorophenyl phenyl ether	86		80		40-140	7		30
4-Bromophenyl phenyl ether	87		81		40-140	7		30
Bis(2-chloroisopropyl)ether	83		73		40-140	13		30
Bis(2-chloroethoxy)methane	91		85		40-140	7		30
Hexachlorocyclopentadiene	67		58		40-140	14		30
Isophorone	93		87		40-140	7		30
Nitrobenzene	91		82		40-140	10		30
NDPA/DPA	95		90		40-140	5		30
n-Nitrosodi-n-propylamine	94		85		29-132	10		30
Bis(2-ethylhexyl)phthalate	107		110		40-140	3		30
Butyl benzyl phthalate	109		108		40-140	1		30
Di-n-butylphthalate	103		99		40-140	4		30
Di-n-octylphthalate	101		103		40-140	2		30
Diethyl phthalate	97		93		40-140	4		30
Dimethyl phthalate	97		96		40-140	1		30
Biphenyl	89		84		40-140	6		30
4-Chloroaniline	81		72		40-140	12		30
2-Nitroaniline	100		97		52-143	3		30
3-Nitroaniline	88		72		25-145	20		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 Batch: WG1446298-2 WG1446298-3								
4-Nitroaniline	100		90		51-143	11		30
Dibenzofuran	87		81		40-140	7		30
1,2,4,5-Tetrachlorobenzene	75		68		2-134	10		30
Acetophenone	90		82		39-129	9		30
2,4,6-Trichlorophenol	89		84		30-130	6		30
p-Chloro-m-cresol	**101**	Q	94		23-97	7		30
2-Chlorophenol	89		79		27-123	12		30
2,4-Dichlorophenol	89		88		30-130	1		30
2,4-Dimethylphenol	93		85		30-130	9		30
2-Nitrophenol	92		86		30-130	7		30
4-Nitrophenol	**89**	Q	**85**	Q	10-80	5		30
2,4-Dinitrophenol	87		72		20-130	19		30
4,6-Dinitro-o-cresol	90		83		20-164	8		30
Phenol	67		59		12-110	13		30
2-Methylphenol	90		81		30-130	11		30
3-Methylphenol/4-Methylphenol	100		90		30-130	11		30
2,4,5-Trichlorophenol	91		88		30-130	3		30
Carbazole	100		94		55-144	6		30
Atrazine	109		105		40-140	4		30
Benzaldehyde	84		70		40-140	18		30
Caprolactam	49		45		10-130	9		30
2,3,4,6-Tetrachlorophenol	89		84		40-140	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 29 Batch: WG1446298-2 WG1446298-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		65		21-120
Phenol-d6	60		53		10-120
Nitrobenzene-d5	88		78		23-120
2-Fluorobiphenyl	75		71		15-120
2,4,6-Tribromophenol	110		105		10-120
4-Terphenyl-d14	92		86		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 29 Batch: WG1446301-2 WG1446301-3								
Acenaphthene	82		72		40-140	13		40
2-Chloronaphthalene	98		89		40-140	10		40
Fluoranthene	109		97		40-140	12		40
Hexachlorobutadiene	89		86		40-140	3		40
Naphthalene	83		74		40-140	11		40
Benzo(a)anthracene	104		93		40-140	11		40
Benzo(a)pyrene	124		110		40-140	12		40
Benzo(b)fluoranthene	102		92		40-140	10		40
Benzo(k)fluoranthene	114		98		40-140	15		40
Chrysene	96		84		40-140	13		40
Acenaphthylene	104		95		40-140	9		40
Anthracene	101		88		40-140	14		40
Benzo(ghi)perylene	105		95		40-140	10		40
Fluorene	96		84		40-140	13		40
Phenanthrene	91		80		40-140	13		40
Dibenzo(a,h)anthracene	119		105		40-140	13		40
Indeno(1,2,3-cd)pyrene	113		102		40-140	10		40
Pyrene	109		97		40-140	12		40
2-Methylnaphthalene	94		84		40-140	11		40
Pentachlorophenol	**144**	Q	114		40-140	23		40
Hexachlorobenzene	96		84		40-140	13		40
Hexachloroethane	77		72		40-140	7		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

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

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 29 Batch: WG1446301-2 WG1446301-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	64		57		21-120
Phenol-d6	53		48		10-120
Nitrobenzene-d5	107		95		23-120
2-Fluorobiphenyl	98		90		15-120
2,4,6-Tribromophenol	**147**	Q	**131**	Q	10-120
4-Terphenyl-d14	114		101		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 Batch: WG1446971-2 WG1446971-3								
Acenaphthene	73		71		31-137	3		50
1,2,4-Trichlorobenzene	85		85		38-107	0		50
Hexachlorobenzene	69		69		40-140	0		50
Bis(2-chloroethyl)ether	84		82		40-140	2		50
2-Chloronaphthalene	78		78		40-140	0		50
1,2-Dichlorobenzene	80		78		40-140	3		50
1,3-Dichlorobenzene	80		78		40-140	3		50
1,4-Dichlorobenzene	80		81		28-104	1		50
3,3'-Dichlorobenzidine	55		56		40-140	2		50
2,4-Dinitrotoluene	82		78		40-132	5		50
2,6-Dinitrotoluene	84		84		40-140	0		50
Fluoranthene	75		74		40-140	1		50
4-Chlorophenyl phenyl ether	72		70		40-140	3		50
4-Bromophenyl phenyl ether	70		69		40-140	1		50
Bis(2-chloroisopropyl)ether	76		73		40-140	4		50
Bis(2-chloroethoxy)methane	84		82		40-117	2		50
Hexachlorobutadiene	72		72		40-140	0		50
Hexachlorocyclopentadiene	75		75		40-140	0		50
Hexachloroethane	78		77		40-140	1		50
Isophorone	81		80		40-140	1		50
Naphthalene	76		75		40-140	1		50
Nitrobenzene	85		84		40-140	1		50
NDPA/DPA	72		70		36-157	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 Batch: WG1446971-2 WG1446971-3								
n-Nitrosodi-n-propylamine	82		81		32-121	1		50
Bis(2-ethylhexyl)phthalate	83		82		40-140	1		50
Butyl benzyl phthalate	81		79		40-140	3		50
Di-n-butylphthalate	79		76		40-140	4		50
Di-n-octylphthalate	84		83		40-140	1		50
Diethyl phthalate	72		70		40-140	3		50
Dimethyl phthalate	77		76		40-140	1		50
Benzo(a)anthracene	74		73		40-140	1		50
Benzo(a)pyrene	77		78		40-140	1		50
Benzo(b)fluoranthene	77		72		40-140	7		50
Benzo(k)fluoranthene	71		75		40-140	5		50
Chrysene	73		74		40-140	1		50
Acenaphthylene	76		77		40-140	1		50
Anthracene	77		75		40-140	3		50
Benzo(ghi)perylene	75		74		40-140	1		50
Fluorene	73		72		40-140	1		50
Phenanthrene	76		76		40-140	0		50
Dibenzo(a,h)anthracene	76		74		40-140	3		50
Indeno(1,2,3-cd)pyrene	78		77		40-140	1		50
Pyrene	74		72		35-142	3		50
Biphenyl	82		82		37-127	0		50
4-Chloroaniline	48		49		40-140	2		50
2-Nitroaniline	85		84		47-134	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 Batch: WG1446971-2 WG1446971-3								
3-Nitroaniline	51		53		26-129	4		50
4-Nitroaniline	72		72		41-125	0		50
Dibenzofuran	73		72		40-140	1		50
2-Methylnaphthalene	77		77		40-140	0		50
1,2,4,5-Tetrachlorobenzene	80		80		40-117	0		50
Acetophenone	92		90		14-144	2		50
2,4,6-Trichlorophenol	83		83		30-130	0		50
p-Chloro-m-cresol	81		80		26-103	1		50
2-Chlorophenol	90		90		25-102	0		50
2,4-Dichlorophenol	93		94		30-130	1		50
2,4-Dimethylphenol	89		87		30-130	2		50
2-Nitrophenol	99		99		30-130	0		50
4-Nitrophenol	86		83		11-114	4		50
2,4-Dinitrophenol	76		75		4-130	1		50
4,6-Dinitro-o-cresol	86		83		10-130	4		50
Pentachlorophenol	79		78		17-109	1		50
Phenol	84		82		26-90	2		50
2-Methylphenol	91		92		30-130.	1		50
3-Methylphenol/4-Methylphenol	93		92		30-130	1		50
2,4,5-Trichlorophenol	83		82		30-130	1		50
Benzoic Acid	64		69		10-110	8		50
Benzyl Alcohol	88		87		40-140	1		50
Carbazole	75		74		54-128	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 Batch: WG1446971-2 WG1446971-3								
Atrazine	91		87		40-140	4		50
Benzaldehyde	86		86		40-140	0		50
Caprolactam	89		86		15-130	3		50
2,3,4,6-Tetrachlorophenol	77		76		40-140	1		50
1,4-Dioxane	66		66		40-140	0		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	87		88		25-120
Phenol-d6	85		86		10-120
Nitrobenzene-d5	81		80		23-120
2-Fluorobiphenyl	75		74		30-120
2,4,6-Tribromophenol	73		73		10-136
4-Terphenyl-d14	73		72		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1447257-2 WG1447257-3								
Acenaphthene	90		86		31-137	5		50
Hexachlorobenzene	107		102		40-140	5		50
Bis(2-chloroethyl)ether	94		91		40-140	3		50
2-Chloronaphthalene	91		86		40-140	6		50
3,3'-Dichlorobenzidine	80		80		40-140	0		50
2,4-Dinitrotoluene	94		90		40-132	4		50
2,6-Dinitrotoluene	96		88		40-140	9		50
Fluoranthene	94		88		40-140	7		50
4-Chlorophenyl phenyl ether	93		88		40-140	6		50
4-Bromophenyl phenyl ether	100		95		40-140	5		50
Bis(2-chloroisopropyl)ether	82		78		40-140	5		50
Bis(2-chloroethoxy)methane	92		87		40-117	6		50
Hexachlorobutadiene	95		90		40-140	5		50
Hexachlorocyclopentadiene	96		90		40-140	6		50
Hexachloroethane	85		82		40-140	4		50
Isophorone	87		84		40-140	4		50
Naphthalene	91		89		40-140	2		50
Nitrobenzene	86		83		40-140	4		50
NDPA/DPA	92		87		36-157	6		50
n-Nitrosodi-n-propylamine	90		86		32-121	5		50
Bis(2-ethylhexyl)phthalate	100		90		40-140	11		50
Butyl benzyl phthalate	96		91		40-140	5		50
Di-n-butylphthalate	100		93		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1447257-2 WG1447257-3								
Di-n-octylphthalate	96		88		40-140	9		50
Diethyl phthalate	90		84		40-140	7		50
Dimethyl phthalate	91		84		40-140	8		50
Benzo(a)anthracene	93		90		40-140	3		50
Benzo(a)pyrene	96		91		40-140	5		50
Benzo(b)fluoranthene	95		93		40-140	2		50
Benzo(k)fluoranthene	93		86		40-140	8		50
Chrysene	91		87		40-140	4		50
Acenaphthylene	96		91		40-140	5		50
Anthracene	97		93		40-140	4		50
Benzo(ghi)perylene	98		92		40-140	6		50
Fluorene	91		87		40-140	4		50
Phenanthrene	93		89		40-140	4		50
Dibenzo(a,h)anthracene	103		95		40-140	8		50
Indeno(1,2,3-cd)pyrene	102		89		40-140	14		50
Pyrene	93		91		35-142	2		50
Biphenyl	98		92		37-127	6		50
4-Chloroaniline	58		56		40-140	4		50
2-Nitroaniline	94		89		47-134	5		50
3-Nitroaniline	66		68		26-129	3		50
4-Nitroaniline	85		83		41-125	2		50
Dibenzofuran	91		87		40-140	4		50
2-Methylnaphthalene	92		87		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1447257-2 WG1447257-3								
1,2,4,5-Tetrachlorobenzene	108		102		40-117	6		50
Acetophenone	90		86		14-144	5		50
2,4,6-Trichlorophenol	100		94		30-130	6		50
p-Chloro-m-cresol	93		86		26-103	8		50
2-Chlorophenol	97		95		25-102	2		50
2,4-Dichlorophenol	96		91		30-130	5		50
2,4-Dimethylphenol	95		91		30-130	4		50
2-Nitrophenol	96		91		30-130	5		50
4-Nitrophenol	84		81		11-114	4		50
2,4-Dinitrophenol	90		88		4-130	2		50
4,6-Dinitro-o-cresol	95		89		10-130	7		50
Pentachlorophenol	100		94		17-109	6		50
Phenol	**92**	Q	90		26-90	2		50
2-Methylphenol	95		91		30-130.	4		50
3-Methylphenol/4-Methylphenol	92		89		30-130	3		50
2,4,5-Trichlorophenol	100		94		30-130	6		50
Carbazole	95		91		54-128	4		50
Atrazine	108		101		40-140	7		50
Benzaldehyde	88		87		40-140	1		50
Caprolactam	88		84		15-130	5		50
2,3,4,6-Tetrachlorophenol	92		89		40-140	3		50
1,4-Dioxane	64		65		40-140	2		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 10 Batch: WG1447257-2 WG1447257-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	106		102		25-120
Phenol-d6	99		96		10-120
Nitrobenzene-d5	91		87		23-120
2-Fluorobiphenyl	100		93		30-120
2,4,6-Tribromophenol	116		108		10-136
4-Terphenyl-d14	109		104		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 Batch: WG1447322-2 WG1447322-3								
Perfluorobutanoic Acid (PFBA)	108		109		71-135	1		30
Perfluoropentanoic Acid (PFPeA)	116		116		69-132	0		30
Perfluorobutanesulfonic Acid (PFBS)	119		115		72-128	3		30
Perfluorohexanoic Acid (PFHxA)	112		113		70-132	1		30
Perfluoroheptanoic Acid (PFHpA)	106		106		71-131	0		30
Perfluorohexanesulfonic Acid (PFHxS)	113		108		67-130	5		30
Perfluorooctanoic Acid (PFOA)	109		108		69-133	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	133		119		64-140	11		30
Perfluoroheptanesulfonic Acid (PFHpS)	118		114		70-132	3		30
Perfluorononanoic Acid (PFNA)	106		109		72-129	3		30
Perfluorooctanesulfonic Acid (PFOS)	120		124		68-136	3		30
Perfluorodecanoic Acid (PFDA)	111		114		69-133	3		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	134		134		65-137	0		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	102		96		63-144	6		30
Perfluoroundecanoic Acid (PFUnA)	114		111		64-136	3		30
Perfluorodecanesulfonic Acid (PFDS)	125		131		59-134	5		30
Perfluorooctanesulfonamide (FOSA)	98		102		67-137	4		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		111		61-139	2		30
Perfluorododecanoic Acid (PFDoA)	111		112		69-135	1		30
Perfluorotridecanoic Acid (PFTrDA)	110		109		66-139	1		30
Perfluorotetradecanoic Acid (PFTA)	**142**	Q	**144**	Q	69-133	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 Batch: WG1447322-2 WG1447322-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		97		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		114		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109		109		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		105		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	110		112		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	117		117		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		103		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		106		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		106		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102		100		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		103		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	113		116		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	91		88		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	110		114		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		17		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	80		80		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	109		111		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	76		76		26-160

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 Batch: WG1447322-2 WG1447322-3								
Perfluorooctanesulfonamide (FOSA)	106		105		67-137	1		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	92		90		1-125

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 15,19 Batch: WG1447583-2 WG1447583-3								
Perfluorobutanoic Acid (PFBA)	108		111		71-135	3		30
Perfluoropentanoic Acid (PFPeA)	114		116		69-132	2		30
Perfluorobutanesulfonic Acid (PFBS)	113		121		72-128	7		30
Perfluorohexanoic Acid (PFHxA)	110		111		70-132	1		30
Perfluoroheptanoic Acid (PFHpA)	104		107		71-131	3		30
Perfluorohexanesulfonic Acid (PFHxS)	111		113		67-130	2		30
Perfluorooctanoic Acid (PFOA)	107		108		69-133	1		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	127		127		64-140	0		30
Perfluoroheptanesulfonic Acid (PFHpS)	114		124		70-132	8		30
Perfluorononanoic Acid (PFNA)	102		105		72-129	3		30
Perfluorooctanesulfonic Acid (PFOS)	118		128		68-136	8		30
Perfluorodecanoic Acid (PFDA)	107		113		69-133	5		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	134		132		65-137	2		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	97		102		63-144	5		30
Perfluoroundecanoic Acid (PFUnA)	112		115		64-136	3		30
Perfluorodecanesulfonic Acid (PFDS)	115		131		59-134	13		30
Perfluorooctanesulfonamide (FOSA)	101		109		67-137	8		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	108		106		61-139	2		30
Perfluorododecanoic Acid (PFDoA)	110		114		69-135	4		30
Perfluorotridecanoic Acid (PFTrDA)	102		109		66-139	7		30
Perfluorotetradecanoic Acid (PFTA)	**148**	Q	**148**	Q	69-133	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 15,19 Batch: WG1447583-2 WG1447583-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		88		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		96		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	98		91		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		93		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		101		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		102		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		91		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	96		88		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		96		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		84		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		91		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	103		104		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	75		75		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	97		98		64-158
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		14		1-125
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	65		65		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	92		95		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	56		62		26-160

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21,25,27,30,32 Batch: WG1448033-2 WG1448033-3								
Perfluorobutanoic Acid (PFBA)	107		109		67-148	2		30
Perfluoropentanoic Acid (PFPeA)	114		115		63-161	1		30
Perfluorobutanesulfonic Acid (PFBS)	113		115		65-157	2		30
Perfluorohexanoic Acid (PFHxA)	110		110		69-168	0		30
Perfluoroheptanoic Acid (PFHpA)	104		104		58-159	0		30
Perfluorohexanesulfonic Acid (PFHxS)	108		115		69-177	6		30
Perfluorooctanoic Acid (PFOA)	108		108		63-159	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	140		120		49-187	15		30
Perfluoroheptanesulfonic Acid (PFHpS)	119		123		61-179	3		30
Perfluorononanoic Acid (PFNA)	106		108		68-171	2		30
Perfluorooctanesulfonic Acid (PFOS)	122		120		52-151	2		30
Perfluorodecanoic Acid (PFDA)	109		109		63-171	0		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	173		139		56-173	22		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	95		96		60-166	1		30
Perfluoroundecanoic Acid (PFUnA)	109		110		60-153	1		30
Perfluorodecanesulfonic Acid (PFDS)	122		123		38-156	1		30
Perfluorooctanesulfonamide (FOSA)	105		105		46-170	0		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	117		116		45-170	1		30
Perfluorododecanoic Acid (PFDoA)	108		104		67-153	4		30
Perfluorotridecanoic Acid (PFTrDA)	106		108		48-158	2		30
Perfluorotetradecanoic Acid (PFTA)	144		144		59-182	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21,25,27,30,32 Batch: WG1448033-2 WG1448033-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	93		93		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	111		111		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		100		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96		97		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	101		102		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		105		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		92		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	116		112		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		94		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	89		88		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	91		89		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	129		121		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	89		78		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		91		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		27		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	76		68		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	100		95		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	66		65		33-143

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21,25,27,30 Batch: WG1449533-2 WG1449533-3								
Perfluorobutanoic Acid (PFBA)	117		114		67-148	3		30
Perfluoropentanoic Acid (PFPeA)	125		122		63-161	2		30
Perfluorobutanesulfonic Acid (PFBS)	121		117		65-157	3		30
Perfluorohexanoic Acid (PFHxA)	118		115		69-168	3		30
Perfluoroheptanoic Acid (PFHpA)	111		108		58-159	3		30
Perfluorohexanesulfonic Acid (PFHxS)	122		117		69-177	4		30
Perfluorooctanoic Acid (PFOA)	115		115		63-159	0		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	125		122		49-187	2		30
Perfluoroheptanesulfonic Acid (PFHpS)	122		117		61-179	4		30
Perfluorononanoic Acid (PFNA)	126		114		68-171	10		30
Perfluorooctanesulfonic Acid (PFOS)	132		124		52-151	6		30
Perfluorodecanoic Acid (PFDA)	119		112		63-171	6		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	132		145		56-173	9		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	98		99		60-166	1		30
Perfluoroundecanoic Acid (PFUnA)	117		113		60-153	3		30
Perfluorodecanesulfonic Acid (PFDS)	124		125		38-156	1		30
Perfluorooctanesulfonamide (FOSA)	101		106		46-170	5		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	123		111		45-170	10		30
Perfluorododecanoic Acid (PFDoA)	113		112		67-153	1		30
Perfluorotridecanoic Acid (PFTrDA)	109		105		48-158	4		30
Perfluorotetradecanoic Acid (PFTA)	154		154		59-182	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21,25,27,30 Batch: WG1449533-2 WG1449533-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		87		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	102		103		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	92		94		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	89		93		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	96		100		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		103		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	86		87		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98		105		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		88		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	85		88		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	84		85		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	107		105		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	74		74		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	94		94		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	32		33		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	59		65		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91		92		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	56		56		33-143

Lab Control Sample Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 21,25,27,30 Batch: WG1449533-2 WG1449533-3								
Perfluorooctanesulfonamide (FOSA)	106		106		46-170	5		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57		56		1-87

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-28,30-31 QC Batch ID: WG1445792-4 WG1445792-5 QC Sample: L2054538-28 Client ID: TMW-101												
Bis(2-chloroethyl)ether	ND	18.2	12	66		12	66		40-140	0		30
3,3'-Dichlorobenzidine	ND	18.2	ND	**0**	Q	ND	**0**	Q	40-140	NC		30
2,4-Dinitrotoluene	ND	18.2	14	77		16	88		48-143	13		30
2,6-Dinitrotoluene	ND	18.2	15	83		15	83		40-140	0		30
4-Chlorophenyl phenyl ether	ND	18.2	14	77		14	77		40-140	0		30
4-Bromophenyl phenyl ether	ND	18.2	14	77		14	77		40-140	0		30
Bis(2-chloroisopropyl)ether	ND	18.2	13	72		12	66		40-140	8		30
Bis(2-chloroethoxy)methane	ND	18.2	13	72		13	72		40-140	0		30
Hexachlorocyclopentadiene	ND	18.2	13.J	72		12.J	66		40-140	8		30
Isophorone	ND	18.2	13	72		13	72		40-140	0		30
Nitrobenzene	ND	18.2	14	77		14	77		40-140	0		30
NDPA/DPA	ND	18.2	13	72		14	77		40-140	7		30
n-Nitrosodi-n-propylamine	ND	18.2	13	72		14	77		29-132	7		30
Bis(2-ethylhexyl)phthalate	ND	18.2	14	77		14	77		40-140	0		30
Butyl benzyl phthalate	ND	18.2	18	99		18	99		40-140	0		30
Di-n-butylphthalate	ND	18.2	16	88		16	88		40-140	0		30
Di-n-octylphthalate	ND	18.2	14	77		14	77		40-140	0		30
Diethyl phthalate	ND	18.2	15	83		15	83		40-140	0		30
Dimethyl phthalate	ND	18.2	14	77		15	83		40-140	7		30
Biphenyl	ND	18.2	14	77		14	77		40-140	0		30
4-Chloroaniline	ND	18.2	5.7	**31**	Q	6.3	**35**	Q	40-140	10		30
2-Nitroaniline	ND	18.2	18	99		18	99		52-143	0		30
3-Nitroaniline	ND	18.2	8.8	48		10	55		25-145	13		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-28,30-31 QC Batch ID: WG1445792-4 WG1445792-5 QC Sample: L2054538-28 Client ID: TMW-101												
4-Nitroaniline	ND	18.2	12	66		13	72		51-143	8		30
Dibenzofuran	ND	18.2	13	72		14	77		40-140	7		30
1,2,4,5-Tetrachlorobenzene	ND	18.2	13	72		13	72		2-134	0		30
Acetophenone	ND	18.2	12	66		12	66		39-129	0		30
2,4,6-Trichlorophenol	ND	18.2	14	77		15	83		30-130	7		30
p-Chloro-m-cresol	ND	18.2	15	83		15	83		23-97	0		30
2-Chlorophenol	ND	18.2	14	77		14	77		27-123	0		30
2,4-Dichlorophenol	ND	18.2	15	83		15	83		30-130	0		30
2,4-Dimethylphenol	ND	18.2	5.2	**29**	Q	5.1	**28**	Q	30-130	2		30
2-Nitrophenol	ND	18.2	16	88		17	94		30-130	6		30
4-Nitrophenol	ND	18.2	16	**88**	Q	16	**88**	Q	10-80	0		30
2,4-Dinitrophenol	ND	18.2	22	120		22	120		20-130	0		30
4,6-Dinitro-o-cresol	ND	18.2	18	99		20	110		20-164	11		30
Phenol	ND	18.2	11	61		11	61		12-110	0		30
2-Methylphenol	ND	18.2	11	61		12	66		30-130	9		30
3-Methylphenol/4-Methylphenol	ND	18.2	14	77		13	72		30-130	7		30
2,4,5-Trichlorophenol	ND	18.2	15	83		16	88		30-130	6		30
Carbazole	ND	18.2	15	83		15	83		55-144	0		30
Atrazine	ND	18.2	19	100		19	100		40-140	0		30
Benzaldehyde	ND	18.2	12	66		11	61		40-140	9		30
Caprolactam	ND	18.2	11	61		12	66		10-130	9		30
2,3,4,6-Tetrachlorophenol	ND	18.2	16	88		16	88		40-140	0		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 21-28,30-31 QC Batch ID: WG1445792-4 WG1445792-5 QC Sample: L2054538-28 Client ID: TMW-101												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	103		109		10-120
2-Fluorobiphenyl	67		69		15-120
2-Fluorophenol	67		67		21-120
4-Terphenyl-d14	74		74		41-149
Nitrobenzene-d5	70		68		23-120
Phenol-d6	60		61		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 21-28,30-31 QC Batch ID: WG1445794-4 WG1445794-5 QC Sample: L2054538-28 Client ID: TMW-101												
Acenaphthene	0.10J	18.2	13	72		13	72		40-140	0		40
2-Chloronaphthalene	ND	18.2	16	88		15	83		40-140	6		40
Fluoranthene	0.31	18.2	18	97		18	97		40-140	0		40
Hexachlorobutadiene	ND	18.2	14	77		13	72		40-140	7		40
Naphthalene	0.64	18.2	13	68		12	62		40-140	8		40
Benzo(a)anthracene	0.18	18.2	15	82		15	82		40-140	0		40
Benzo(a)pyrene	0.16	18.2	15	82		15	82		40-140	0		40
Benzo(b)fluoranthene	0.19	18.2	14	76		14	76		40-140	0		40
Benzo(k)fluoranthene	0.07J	18.2	15	83		15	83		40-140	0		40
Chrysene	0.13	18.2	14	76		14	76		40-140	0		40
Acenaphthylene	ND	18.2	17	94		17	94		40-140	0		40
Anthracene	0.06J	18.2	15	83		16	88		40-140	6		40
Benzo(ghi)perylene	0.08J	18.2	13	72		13	72		40-140	0		40
Fluorene	0.05J	18.2	15	83		15	83		40-140	0		40
Phenanthrene	0.25	18.2	14	76		14	76		40-140	0		40
Dibenzo(a,h)anthracene	0.02J	18.2	15	83		15	83		40-140	0		40
Indeno(1,2,3-cd)pyrene	0.09J	18.2	14	77		15	83		40-140	7		40
Pyrene	0.28	18.2	18	97		18	97		40-140	0		40
2-Methylnaphthalene	0.04J	18.2	14	77		14	77		40-140	0		40
Pentachlorophenol	ND	18.2	25	140		26	140		40-140	4		40
Hexachlorobenzene	ND	18.2	14	77		15	83		40-140	7		40
Hexachloroethane	ND	18.2	12	66		11	61		40-140	9		40

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 21-28,30-31 QC Batch ID: WG1445794-4 WG1445794-5 QC Sample: L2054538-28 Client ID: TMW-101												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	**135**	Q	**134**	Q	10-120
2-Fluorobiphenyl	85		81		15-120
2-Fluorophenol	59		52		21-120
4-Terphenyl-d14	94		93		41-149
Nitrobenzene-d5	87		78		23-120
Phenol-d6	59		54		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 QC Batch ID: WG1446971-4 WG1446971-5 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Acenaphthene	ND	1490	1000	67		960	66		31-137	4		50
Hexachlorobenzene	ND	1490	960	64		900	62		40-140	6		50
Bis(2-chloroethyl)ether	ND	1490	1200	80		1200	82		40-140	0		50
2-Chloronaphthalene	ND	1490	1100	74		1000	69		40-140	10		50
3,3'-Dichlorobenzidine	ND	1490	770	52		690	47		40-140	11		50
2,4-Dinitrotoluene	ND	1490	1100	74		1000	69		40-132	10		50
2,6-Dinitrotoluene	ND	1490	1200	80		1100	76		40-140	9		50
Fluoranthene	ND	1490	1000	67		1000	69		40-140	0		50
4-Chlorophenyl phenyl ether	ND	1490	1000	67		930	64		40-140	7		50
4-Bromophenyl phenyl ether	ND	1490	980	66		900	62		40-140	9		50
Bis(2-chloroisopropyl)ether	ND	1490	1100	74		1000	69		40-140	10		50
Bis(2-chloroethoxy)methane	ND	1490	1200	80		1100	76		40-117	9		50
Hexachlorobutadiene	ND	1490	1000	67		1000	69		40-140	0		50
Hexachlorocyclopentadiene	ND	1490	930	62		830	57		40-140	11		50
Hexachloroethane	ND	1490	1100	74		1000	69		40-140	10		50
Isophorone	ND	1490	1200	80		1100	76		40-140	9		50
Naphthalene	ND	1490	1100	74		1000	69		40-140	10		50
Nitrobenzene	ND	1490	1200	80		1200	82		40-140	0		50
NDPA/DPA	ND	1490	990	66		930	64		36-157	6		50
n-Nitrosodi-n-propylamine	ND	1490	1200	80		1100	76		32-121	9		50
Bis(2-ethylhexyl)phthalate	ND	1490	1200	80		1100	76		40-140	9		50
Butyl benzyl phthalate	ND	1490	1100	74		1000	69		40-140	10		50
Di-n-butylphthalate	ND	1490	1000	67		1000	69		40-140	0		50

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 QC Batch ID: WG1446971-4 WG1446971-5 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Di-n-octylphthalate	ND	1490	1200	80		1100	76		40-140	9		50
Diethyl phthalate	ND	1490	990	66		920	63		40-140	7		50
Dimethyl phthalate	ND	1490	1100	74		1000	69		40-140	10		50
Benzo(a)anthracene	ND	1490	1000	67		980	67		40-140	2		50
Benzo(a)pyrene	ND	1490	1100	74		970	67		40-140	13		50
Benzo(b)fluoranthene	ND	1490	1000	67		990	68		40-140	1		50
Benzo(k)fluoranthene	ND	1490	1000	67		860	59		40-140	15		50
Chrysene	ND	1490	1000	67		940	65		40-140	6		50
Acenaphthylene	ND	1490	1100	74		1000	69		40-140	10		50
Anthracene	ND	1490	1000	67		980	67		40-140	2		50
Benzo(ghi)perylene	ND	1490	1000	67		930	64		40-140	7		50
Fluorene	ND	1490	1000	67		950	65		40-140	5		50
Phenanthrene	ND	1490	1000	67		1000	69		40-140	0		50
Dibenzo(a,h)anthracene	ND	1490	1000	67		930	64		40-140	7		50
Indeno(1,2,3-cd)pyrene	ND	1490	1100	74		960	66		40-140	14		50
Pyrene	ND	1490	1000	67		970	67		35-142	3		50
Biphenyl	ND	1490	1200	80		1100	76		37-127	9		50
4-Chloroaniline	ND	1490	640	43		620	43		40-140	3		50
2-Nitroaniline	ND	1490	1300	87		1200	82		47-134	8		50
3-Nitroaniline	ND	1490	830	56		800	55		26-129	4		50
4-Nitroaniline	ND	1490	1100	74		1000	69		41-125	10		50
Dibenzofuran	ND	1490	1000	67		960	66		40-140	4		50
2-Methylnaphthalene	ND	1490	1100	74		1000	69		40-140	10		50

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 QC Batch ID: WG1446971-4 WG1446971-5 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
1,2,4,5-Tetrachlorobenzene	ND	1490	1100	74		1100	76		40-117	0		50
Acetophenone	ND	1490	1400	94		1200	82		14-144	15		50
2,4,6-Trichlorophenol	ND	1490	1200	80		1100	76		30-130	9		50
p-Chloro-m-cresol	ND	1490	1200	80		1100	76		26-103	9		50
2-Chlorophenol	ND	1490	1300	87		1200	82		25-102	8		50
2,4-Dichlorophenol	ND	1490	1400	94		1200	82		30-130	15		50
2,4-Dimethylphenol	ND	1490	1300	87		1200	82		30-130	8		50
2-Nitrophenol	ND	1490	1400	94		1300	89		30-130	7		50
4-Nitrophenol	ND	1490	1100	74		1000	69		11-114	10		50
2,4-Dinitrophenol	ND	1490	350J	23		140J	10		4-130	**86**	Q	50
4,6-Dinitro-o-cresol	ND	1490	820	55		660	45		10-130	22		50
Pentachlorophenol	ND	1490	980	66		850	58		17-109	14		50
Phenol	ND	1490	1200	80		1100	76		26-90	9		50
2-Methylphenol	ND	1490	1300	87		1200	82		30-130.	8		50
3-Methylphenol/4-Methylphenol	ND	1490	1300	87		1200	82		30-130	8		50
2,4,5-Trichlorophenol	ND	1490	1200	80		1100	76		30-130	9		50
Carbazole	ND	1490	1000	67		960	66		54-128	4		50
Atrazine	ND	1490	1300	87		1200	82		40-140	8		50
Benzaldehyde	ND	1490	1300	87		1200	82		40-140	8		50
Caprolactam	ND	1490	1100	74		1000	69		15-130	10		50
2,3,4,6-Tetrachlorophenol	ND	1490	1000	67		950	65		40-140	5		50

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-09,11-20,33 QC Batch ID: WG1446971-4 WG1446971-5 QC Sample: L2054538-11 Client ID: SOIL-SB-120												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	68		62		10-136
2-Fluorobiphenyl	71		66		30-120
2-Fluorophenol	88		78		25-120
4-Terphenyl-d14	66		59		18-120
Nitrobenzene-d5	78		73		23-120
Phenol-d6	83		75		10-120

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 QC Batch ID: WG1447322-4 QC Sample: L2054538-03 Client ID: SOIL-SB-106												
Perfluorobutanoic Acid (PFBA)	ND	5.33	5.82	109		-	-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	ND	5.33	6.12	115		-	-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.73	5.40	114		-	-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	ND	5.33	5.92	111		-	-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.33	5.63	106		-	-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.87	5.55	114		-	-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	ND	5.33	5.89F	111		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.07	6.50F	128		-	-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	5.07	5.53	109		-	-		70-132	-		30
Perfluorononanoic Acid (PFNA)	ND	5.33	5.69	107		-	-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	4.94	5.94F	120		-	-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	ND	5.33	5.89	111		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.12	6.75F	132		-	-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.33	4.74F	89		-	-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.33	6.03	113		-	-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	5.14	6.44	125		-	-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	ND	5.33	5.58	105		-	-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.33	6.09	114		-	-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	ND	5.33	6.04	113		-	-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.33	5.83	109		-	-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	5.33	7.54	**141**	Q	-	-		69-133	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 QC Batch ID: WG1447322-4 QC Sample: L2054538-03 Client ID: SOIL-SB-106												

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	114				25-186
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98				32-182
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68				42-136
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	89				45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	105				64-158
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97				65-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100				61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	106				62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110				63-166
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102				56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73				26-160
Perfluoro[13C4]Butanoic Acid (MPFBA)	96				60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	111				65-182
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	33				1-125
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100				65-151
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96				62-152
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	100				61-154
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104				70-151

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 QC Batch ID: WG1447322-5 QC Sample: L2054538-07
Client ID: SOIL-SB-113

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorobutanoic Acid (PFBA)	ND	ND	ug/kg	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ug/kg	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ug/kg	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ug/kg	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ug/kg	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ug/kg	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ug/kg	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ug/kg	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ug/kg	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ug/kg	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ug/kg	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ug/kg	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ug/kg	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ug/kg	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ug/kg	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ug/kg	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ug/kg	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ug/kg	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ug/kg	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ug/kg	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 QC Batch ID: WG1447322-5 QC Sample: L2054538-07 Client ID: SOIL-SB-113						
PFOA/PFOS, Total	ND	ND	ug/kg	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		66		60-153
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	95		84		65-182
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100		105		70-151
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		81		61-147
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		92		62-149
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		113		63-166
Perfluoro[13C8]Octanoic Acid (M8PFOA)	85		84		62-152
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97		104		32-182
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87		90		61-154
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	96		96		65-151
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	79		85		65-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	111		113		25-186
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	51		55		45-137
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	85		93		64-158
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	43		56		42-136
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	61		65		56-148
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	62		68		26-160

Lab Duplicate Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 03,07,10,13 QC Batch ID: WG1447322-5 QC Sample: L2054538-07 Client ID: SOIL-SB-113						
Perfluorooctanesulfonamide (FOSA)	ND	ND	ug/kg	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	71		76		1-125

PCBS

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01
Client ID: SOIL-SB-100
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 09:20
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 14:40
Analyst: KB
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	44.3	3.93	1	A
Aroclor 1221	ND		ug/kg	44.3	4.44	1	A
Aroclor 1232	ND		ug/kg	44.3	9.38	1	A
Aroclor 1242	ND		ug/kg	44.3	5.97	1	A
Aroclor 1248	ND		ug/kg	44.3	6.64	1	A
Aroclor 1254	ND		ug/kg	44.3	4.84	1	A
Aroclor 1260	ND		ug/kg	44.3	8.18	1	A
Aroclor 1262	ND		ug/kg	44.3	5.62	1	A
Aroclor 1268	ND		ug/kg	44.3	4.59	1	A
PCBs, Total	ND		ug/kg	44.3	3.93	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	89		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02
Client ID: SOIL-SB-105
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 13:50
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 14:53
Analyst: KB
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.23	1	A
Aroclor 1221	ND		ug/kg	36.4	3.65	1	A
Aroclor 1232	ND		ug/kg	36.4	7.72	1	A
Aroclor 1242	ND		ug/kg	36.4	4.91	1	A
Aroclor 1248	ND		ug/kg	36.4	5.46	1	A
Aroclor 1254	ND		ug/kg	36.4	3.98	1	A
Aroclor 1260	ND		ug/kg	36.4	6.73	1	A
Aroclor 1262	ND		ug/kg	36.4	4.63	1	A
Aroclor 1268	ND		ug/kg	36.4	3.77	1	A
PCBs, Total	ND		ug/kg	36.4	3.23	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 15:06
Analyst: KB
Percent Solids: 85%

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.3	3.31	1	A
Aroclor 1221	ND		ug/kg	37.3	3.74	1	A
Aroclor 1232	ND		ug/kg	37.3	7.91	1	A
Aroclor 1242	ND		ug/kg	37.3	5.03	1	A
Aroclor 1248	ND		ug/kg	37.3	5.60	1	A
Aroclor 1254	ND		ug/kg	37.3	4.08	1	A
Aroclor 1260	ND		ug/kg	37.3	6.89	1	A
Aroclor 1262	ND		ug/kg	37.3	4.74	1	A
Aroclor 1268	ND		ug/kg	37.3	3.86	1	A
PCBs, Total	ND		ug/kg	37.3	3.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	85		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04
Client ID: SOIL-SB-108
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 09:40
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 15:18
Analyst: KB
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.6	3.34	1	A
Aroclor 1221	ND		ug/kg	37.6	3.77	1	A
Aroclor 1232	ND		ug/kg	37.6	7.97	1	A
Aroclor 1242	ND		ug/kg	37.6	5.07	1	A
Aroclor 1248	ND		ug/kg	37.6	5.64	1	A
Aroclor 1254	ND		ug/kg	37.6	4.11	1	A
Aroclor 1260	ND		ug/kg	37.6	6.95	1	A
Aroclor 1262	ND		ug/kg	37.6	4.77	1	A
Aroclor 1268	ND		ug/kg	37.6	3.89	1	A
PCBs, Total	ND		ug/kg	37.6	3.34	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05
Client ID: SOIL-SB-110
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:00
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 15:31
Analyst: KB
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.0	3.37	1	A
Aroclor 1221	ND		ug/kg	38.0	3.81	1	A
Aroclor 1232	ND		ug/kg	38.0	8.05	1	A
Aroclor 1242	ND		ug/kg	38.0	5.12	1	A
Aroclor 1248	ND		ug/kg	38.0	5.70	1	A
Aroclor 1254	ND		ug/kg	38.0	4.16	1	A
Aroclor 1260	ND		ug/kg	38.0	7.02	1	A
Aroclor 1262	ND		ug/kg	38.0	4.82	1	A
Aroclor 1268	ND		ug/kg	38.0	3.94	1	A
PCBs, Total	ND		ug/kg	38.0	3.37	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06
Client ID: SOIL-SB-111
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 15:44
Analyst: KB
Percent Solids: 56%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	56.5	5.02	1	A
Aroclor 1221	ND		ug/kg	56.5	5.66	1	A
Aroclor 1232	ND		ug/kg	56.5	12.0	1	A
Aroclor 1242	ND		ug/kg	56.5	7.62	1	A
Aroclor 1248	ND		ug/kg	56.5	8.48	1	A
Aroclor 1254	ND		ug/kg	56.5	6.18	1	A
Aroclor 1260	ND		ug/kg	56.5	10.4	1	A
Aroclor 1262	ND		ug/kg	56.5	7.18	1	A
Aroclor 1268	ND		ug/kg	56.5	5.86	1	A
PCBs, Total	ND		ug/kg	56.5	5.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	55		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 15:57
Analyst: KB
Percent Solids: 73%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.5	3.86	1	A
Aroclor 1221	ND		ug/kg	43.5	4.36	1	A
Aroclor 1232	ND		ug/kg	43.5	9.22	1	A
Aroclor 1242	ND		ug/kg	43.5	5.86	1	A
Aroclor 1248	ND		ug/kg	43.5	6.52	1	A
Aroclor 1254	ND		ug/kg	43.5	4.76	1	A
Aroclor 1260	ND		ug/kg	43.5	8.04	1	A
Aroclor 1262	ND		ug/kg	43.5	5.52	1	A
Aroclor 1268	ND		ug/kg	43.5	4.51	1	A
PCBs, Total	ND		ug/kg	43.5	3.86	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08
Client ID: SOIL-SB-115
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 16:09
Analyst: KB
Percent Solids: 62%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.2	4.64	1	A
Aroclor 1221	ND		ug/kg	52.2	5.23	1	A
Aroclor 1232	ND		ug/kg	52.2	11.1	1	A
Aroclor 1242	ND		ug/kg	52.2	7.04	1	A
Aroclor 1248	ND		ug/kg	52.2	7.83	1	A
Aroclor 1254	ND		ug/kg	52.2	5.71	1	A
Aroclor 1260	ND		ug/kg	52.2	9.65	1	A
Aroclor 1262	ND		ug/kg	52.2	6.63	1	A
Aroclor 1268	ND		ug/kg	52.2	5.41	1	A
PCBs, Total	ND		ug/kg	52.2	4.64	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	61		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 16:22
Analyst: KB
Percent Solids: 59%

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	54.6	4.85	1	A
Aroclor 1221	ND		ug/kg	54.6	5.47	1	A
Aroclor 1232	ND		ug/kg	54.6	11.6	1	A
Aroclor 1242	ND		ug/kg	54.6	7.36	1	A
Aroclor 1248	ND		ug/kg	54.6	8.19	1	A
Aroclor 1254	ND		ug/kg	54.6	5.97	1	A
Aroclor 1260	ND		ug/kg	54.6	10.1	1	A
Aroclor 1262	ND		ug/kg	54.6	6.93	1	A
Aroclor 1268	ND		ug/kg	54.6	5.65	1	A
PCBs, Total	ND		ug/kg	54.6	4.85	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/20/20 10:36
Analyst: AWS
Percent Solids: 85%

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 12:45
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.3	3.31	1	A
Aroclor 1221	ND		ug/kg	37.3	3.74	1	A
Aroclor 1232	ND		ug/kg	37.3	7.91	1	A
Aroclor 1242	ND		ug/kg	37.3	5.03	1	A
Aroclor 1248	ND		ug/kg	37.3	5.59	1	A
Aroclor 1254	ND		ug/kg	37.3	4.08	1	A
Aroclor 1260	ND		ug/kg	37.3	6.89	1	A
Aroclor 1262	ND		ug/kg	37.3	4.74	1	A
Aroclor 1268	ND		ug/kg	37.3	3.86	1	A
PCBs, Total	ND		ug/kg	37.3	3.31	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	**25**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	30		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11
Client ID: SOIL-SB-120
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 13:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 16:35
Analyst: KB
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	3.28	1	A
Aroclor 1221	ND		ug/kg	37.0	3.70	1	A
Aroclor 1232	ND		ug/kg	37.0	7.84	1	A
Aroclor 1242	ND		ug/kg	37.0	4.98	1	A
Aroclor 1248	ND		ug/kg	37.0	5.54	1	A
Aroclor 1254	ND		ug/kg	37.0	4.04	1	A
Aroclor 1260	ND		ug/kg	37.0	6.83	1	A
Aroclor 1262	ND		ug/kg	37.0	4.69	1	A
Aroclor 1268	ND		ug/kg	37.0	3.83	1	A
PCBs, Total	ND		ug/kg	37.0	3.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	87		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12
Client ID: SOIL-SB-121
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 17:13
Analyst: KB
Percent Solids: 77%

Date Collected: 12/09/20 14:25
Date Received: 12/09/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	40.6	3.60	1	A
Aroclor 1221	ND		ug/kg	40.6	4.07	1	A
Aroclor 1232	ND		ug/kg	40.6	8.61	1	A
Aroclor 1242	ND		ug/kg	40.6	5.47	1	A
Aroclor 1248	ND		ug/kg	40.6	6.09	1	A
Aroclor 1254	ND		ug/kg	40.6	4.44	1	A
Aroclor 1260	ND		ug/kg	40.6	7.50	1	A
Aroclor 1262	ND		ug/kg	40.6	5.16	1	A
Aroclor 1268	ND		ug/kg	40.6	4.21	1	A
PCBs, Total	ND		ug/kg	40.6	3.60	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 17:26
Analyst: KB
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.67	1	A
Aroclor 1232	ND		ug/kg	36.6	7.76	1	A
Aroclor 1242	ND		ug/kg	36.6	4.93	1	A
Aroclor 1248	ND		ug/kg	36.6	5.49	1	A
Aroclor 1254	ND		ug/kg	36.6	4.00	1	A
Aroclor 1260	ND		ug/kg	36.6	6.76	1	A
Aroclor 1262	ND		ug/kg	36.6	4.65	1	A
Aroclor 1268	ND		ug/kg	36.6	3.79	1	A
PCBs, Total	ND		ug/kg	36.6	3.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14
Client ID: SOIL-SB-125
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 17:38
Analyst: KB
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	44.5	3.95	1	A
Aroclor 1221	ND		ug/kg	44.5	4.46	1	A
Aroclor 1232	ND		ug/kg	44.5	9.43	1	A
Aroclor 1242	ND		ug/kg	44.5	6.00	1	A
Aroclor 1248	ND		ug/kg	44.5	6.67	1	A
Aroclor 1254	ND		ug/kg	44.5	4.87	1	A
Aroclor 1260	ND		ug/kg	44.5	8.22	1	A
Aroclor 1262	ND		ug/kg	44.5	5.65	1	A
Aroclor 1268	ND		ug/kg	44.5	4.61	1	A
PCBs, Total	ND		ug/kg	44.5	3.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 17:51
Analyst: KB
Percent Solids: 61%

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	52.6	4.67	1	A
Aroclor 1221	ND		ug/kg	52.6	5.27	1	A
Aroclor 1232	ND		ug/kg	52.6	11.2	1	A
Aroclor 1242	ND		ug/kg	52.6	7.10	1	A
Aroclor 1248	ND		ug/kg	52.6	7.90	1	A
Aroclor 1254	ND		ug/kg	52.6	5.76	1	A
Aroclor 1260	ND		ug/kg	52.6	9.73	1	A
Aroclor 1262	ND		ug/kg	52.6	6.68	1	A
Aroclor 1268	ND		ug/kg	52.6	5.45	1	A
PCBs, Total	ND		ug/kg	52.6	4.67	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16
Client ID: SOIL-SB-128
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 18:04
Analyst: KB
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.6	3.88	1	A
Aroclor 1221	ND		ug/kg	43.6	4.37	1	A
Aroclor 1232	ND		ug/kg	43.6	9.25	1	A
Aroclor 1242	ND		ug/kg	43.6	5.88	1	A
Aroclor 1248	ND		ug/kg	43.6	6.54	1	A
Aroclor 1254	ND		ug/kg	43.6	4.77	1	A
Aroclor 1260	ND		ug/kg	43.6	8.06	1	A
Aroclor 1262	ND		ug/kg	43.6	5.54	1	A
Aroclor 1268	ND		ug/kg	43.6	4.52	1	A
PCBs, Total	ND		ug/kg	43.6	3.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	48		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17
Client ID: SOIL-SB-129
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 12:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 18:29
Analyst: KB
Percent Solids: 74%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	43.7	3.88	1	A
Aroclor 1221	ND		ug/kg	43.7	4.38	1	A
Aroclor 1232	ND		ug/kg	43.7	9.27	1	A
Aroclor 1242	ND		ug/kg	43.7	5.90	1	A
Aroclor 1248	ND		ug/kg	43.7	6.56	1	A
Aroclor 1254	ND		ug/kg	43.7	4.78	1	A
Aroclor 1260	ND		ug/kg	43.7	8.08	1	A
Aroclor 1262	ND		ug/kg	43.7	5.55	1	A
Aroclor 1268	ND		ug/kg	43.7	4.53	1	A
PCBs, Total	ND		ug/kg	43.7	3.88	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18
Client ID: SOIL-SB-130
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 18:42
Analyst: KB
Percent Solids: 81%

Date Collected: 12/10/20 13:15
Date Received: 12/10/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	38.9	3.46	1	A
Aroclor 1221	ND		ug/kg	38.9	3.90	1	A
Aroclor 1232	ND		ug/kg	38.9	8.26	1	A
Aroclor 1242	ND		ug/kg	38.9	5.25	1	A
Aroclor 1248	ND		ug/kg	38.9	5.84	1	A
Aroclor 1254	ND		ug/kg	38.9	4.26	1	A
Aroclor 1260	ND		ug/kg	38.9	7.20	1	A
Aroclor 1262	ND		ug/kg	38.9	4.95	1	A
Aroclor 1268	ND		ug/kg	38.9	4.04	1	A
PCBs, Total	ND		ug/kg	38.9	3.46	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 18:55
Analyst: KB
Percent Solids: 77%

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	41.6	3.69	1	A
Aroclor 1221	ND		ug/kg	41.6	4.17	1	A
Aroclor 1232	ND		ug/kg	41.6	8.82	1	A
Aroclor 1242	ND		ug/kg	41.6	5.61	1	A
Aroclor 1248	ND		ug/kg	41.6	6.24	1	A
Aroclor 1254	ND		ug/kg	41.6	4.55	1	A
Aroclor 1260	ND		ug/kg	41.6	7.69	1	A
Aroclor 1262	ND		ug/kg	41.6	5.28	1	A
Aroclor 1268	ND		ug/kg	41.6	4.31	1	A
PCBs, Total	ND		ug/kg	41.6	3.69	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	62		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20
Client ID: SOIL-SB-132
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 19:07
Analyst: KB
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.7	3.26	1	A
Aroclor 1221	ND		ug/kg	36.7	3.68	1	A
Aroclor 1232	ND		ug/kg	36.7	7.78	1	A
Aroclor 1242	ND		ug/kg	36.7	4.95	1	A
Aroclor 1248	ND		ug/kg	36.7	5.51	1	A
Aroclor 1254	ND		ug/kg	36.7	4.02	1	A
Aroclor 1260	ND		ug/kg	36.7	6.78	1	A
Aroclor 1262	ND		ug/kg	36.7	4.66	1	A
Aroclor 1268	ND		ug/kg	36.7	3.80	1	A
PCBs, Total	ND		ug/kg	36.7	3.26	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 17:47
Analyst: CW

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	104		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22
Client ID: TMW-119
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/19/20 11:12
Analyst: JM

Date Collected: 12/10/20 08:30
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23
Client ID: TMW-104
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 18:03
Analyst: CW

Date Collected: 12/10/20 09:10
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/19/20 11:20
Analyst: JM

Date Collected: 12/10/20 09:00
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	47		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/19/20 11:28
Analyst: JM

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	0.051	J	ug/l	0.083	0.039	1	B
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	0.051	J	ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	41		30-150	A
Decachlorobiphenyl	31		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26
Client ID: TMW-112
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 18:27
Analyst: CW

Date Collected: 12/10/20 10:30
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	30		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	34		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 19:08
Analyst: CW

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	48		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28
Client ID: TMW-101
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 19:16
Analyst: AWS

Date Collected: 12/10/20 11:40
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29
Client ID: MW-5A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 19:40
Analyst: CW

Date Collected: 12/11/20 13:10
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 19:48
Analyst: CW

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	52		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	49		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 12/18/20 19:57
Analyst: CW

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	33		30-150	A
2,4,5,6-Tetrachloro-m-xylene	43		30-150	B
Decachlorobiphenyl	39		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33
Client ID: SOIL-SB-134
Sample Location: SYRACUSE, NY

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 12/19/20 19:20
Analyst: KB
Percent Solids: 77%

Date Collected: 12/10/20 15:45
Date Received: 12/10/20
Field Prep: Not Specified

Extraction Method: EPA 3546
Extraction Date: 12/19/20 00:00
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	42.0	3.73	1	A
Aroclor 1221	ND		ug/kg	42.0	4.21	1	A
Aroclor 1232	ND		ug/kg	42.0	8.92	1	A
Aroclor 1242	ND		ug/kg	42.0	5.67	1	A
Aroclor 1248	ND		ug/kg	42.0	6.31	1	A
Aroclor 1254	ND		ug/kg	42.0	4.60	1	A
Aroclor 1260	ND		ug/kg	42.0	7.77	1	A
Aroclor 1262	ND		ug/kg	42.0	5.34	1	A
Aroclor 1268	ND		ug/kg	42.0	4.36	1	A
PCBs, Total	ND		ug/kg	42.0	3.73	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	93		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/18/20 10:58
Analyst: JM

Extraction Method: EPA 3510C
Extraction Date: 12/16/20 13:18
Cleanup Method: EPA 3665A
Cleanup Date: 12/17/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/18/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 21-31 Batch: WG1445968-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	90		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/19/20 14:02
Analyst: KB

Extraction Method: EPA 3546
Extraction Date: 12/18/20 23:57
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/19/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-09,11-20,33 Batch: WG1446964-1						
Aroclor 1016	ND		ug/kg	32.8	2.92	A
Aroclor 1221	ND		ug/kg	32.8	3.29	A
Aroclor 1232	ND		ug/kg	32.8	6.96	A
Aroclor 1242	ND		ug/kg	32.8	4.43	A
Aroclor 1248	ND		ug/kg	32.8	4.93	A
Aroclor 1254	ND		ug/kg	32.8	3.59	A
Aroclor 1260	ND		ug/kg	32.8	6.07	A
Aroclor 1262	ND		ug/kg	32.8	4.17	A
Aroclor 1268	ND		ug/kg	32.8	3.40	A
PCBs, Total	ND		ug/kg	32.8	2.92	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	98		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	105		30-150	B
Decachlorobiphenyl	120		30-150	B

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 12/20/20 10:08
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 12/19/20 12:45
Cleanup Method: EPA 3665A
Cleanup Date: 12/19/20
Cleanup Method: EPA 3660B
Cleanup Date: 12/20/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 10 Batch: WG1447153-1						
Aroclor 1016	ND		ug/kg	31.5	2.80	A
Aroclor 1221	ND		ug/kg	31.5	3.16	A
Aroclor 1232	ND		ug/kg	31.5	6.69	A
Aroclor 1242	ND		ug/kg	31.5	4.25	A
Aroclor 1248	ND		ug/kg	31.5	4.73	A
Aroclor 1254	ND		ug/kg	31.5	3.45	A
Aroclor 1260	ND		ug/kg	31.5	5.83	A
Aroclor 1262	ND		ug/kg	31.5	4.01	A
Aroclor 1268	ND		ug/kg	31.5	3.27	A
PCBs, Total	ND		ug/kg	31.5	2.80	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	73		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 21-31 Batch: WG1445968-2 WG1445968-3									
Aroclor 1016	102		67		40-140	42		50	A
Aroclor 1260	111		74		40-140	40		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		64		30-150	A
Decachlorobiphenyl	112		75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	101		65		30-150	B
Decachlorobiphenyl	116		77		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-09,11-20,33 Batch: WG1446964-2 WG1446964-3									
Aroclor 1016	100		92		40-140	8		50	A
Aroclor 1260	90		84		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	110		95		30-150	A
Decachlorobiphenyl	110		95		30-150	A
2,4,5,6-Tetrachloro-m-xylene	119		101		30-150	B
Decachlorobiphenyl	143		114		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500
Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 10 Batch: WG1447153-2 WG1447153-3									
Aroclor 1016	84		88		40-140	5		50	A
Aroclor 1260	69		69		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		82		30-150	A
Decachlorobiphenyl	64		64		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		96		30-150	B
Decachlorobiphenyl	76		78		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 21-31 QC Batch ID: WG1445968-4 WG1445968-5 QC Sample: L2054538-28 Client ID: TMW-101													
Aroclor 1016	ND	1.78	1.17	66		2.27	127		40-140	**64**	Q	50	A
Aroclor 1260	ND	1.78	0.919	52		1.94	109		40-140	**71**	Q	50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		69		30-150	A
Decachlorobiphenyl	52		37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		71		30-150	B
Decachlorobiphenyl	60		50		30-150	B

Matrix Spike Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-09,11-20,33 QC Batch ID: WG1446964-4 WG1446964-5 QC Sample: L2054538-11 Client ID: SOIL-SB-120													
Aroclor 1016	ND	230	154	67		152	66		40-140	1		50	A
Aroclor 1260	ND	230	126	55		127	55		40-140	1		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		71		30-150	A
Decachlorobiphenyl	59		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		74		30-150	B
Decachlorobiphenyl	74		75		30-150	B

METALS

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01
Client ID: SOIL-SB-100
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 09:20
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.50		mg/kg	0.530	0.110	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Barium, Total	45.2		mg/kg	0.530	0.092	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Cadmium, Total	0.286	J	mg/kg	0.530	0.052	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Chromium, Total	9.42		mg/kg	0.530	0.051	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Lead, Total	5.64		mg/kg	2.65	0.142	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.084	0.055	1	12/22/20 14:43	12/23/20 09:56	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	1.06	0.137	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.530	0.150	1	12/22/20 14:44	12/26/20 19:06	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02
Client ID: SOIL-SB-105
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 13:50
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	3.29		mg/kg	0.427	0.089	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Barium, Total	35.4		mg/kg	0.427	0.074	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Cadmium, Total	0.179	J	mg/kg	0.427	0.042	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Chromium, Total	6.08		mg/kg	0.427	0.041	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Lead, Total	3.10		mg/kg	2.14	0.114	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.076	0.050	1	12/22/20 14:43	12/23/20 09:59	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.854	0.110	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.427	0.121	1	12/22/20 14:44	12/26/20 19:11	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.930		mg/kg	0.452	0.094	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Barium, Total	7.72		mg/kg	0.452	0.079	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Cadmium, Total	0.154	J	mg/kg	0.452	0.044	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Chromium, Total	6.76		mg/kg	0.452	0.043	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Lead, Total	4.91		mg/kg	2.26	0.121	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.081	0.053	1	12/22/20 14:43	12/23/20 10:03	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.903	0.116	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.452	0.128	1	12/22/20 14:44	12/26/20 19:15	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04
Client ID: SOIL-SB-108
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 09:40
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.05		mg/kg	0.463	0.096	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Barium, Total	12.9		mg/kg	0.463	0.081	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Cadmium, Total	0.162	J	mg/kg	0.463	0.045	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Chromium, Total	5.66		mg/kg	0.463	0.045	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Lead, Total	9.46		mg/kg	2.32	0.124	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.079	0.052	1	12/22/20 14:43	12/23/20 10:06	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.926	0.120	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.463	0.131	1	12/22/20 14:44	12/26/20 20:10	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05
Client ID: SOIL-SB-110
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:00
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.832		mg/kg	0.440	0.092	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Barium, Total	7.50		mg/kg	0.440	0.077	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Cadmium, Total	0.123	J	mg/kg	0.440	0.043	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Chromium, Total	5.84		mg/kg	0.440	0.042	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Lead, Total	7.87		mg/kg	2.20	0.118	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.080	0.052	1	12/22/20 14:43	12/23/20 10:16	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.880	0.114	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.440	0.124	1	12/22/20 14:44	12/26/20 20:15	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06
Client ID: SOIL-SB-111
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 56%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.32		mg/kg	0.686	0.143	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Barium, Total	101		mg/kg	0.686	0.119	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Cadmium, Total	0.776		mg/kg	0.686	0.067	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Chromium, Total	18.6		mg/kg	0.686	0.066	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Lead, Total	419		mg/kg	3.43	0.184	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Mercury, Total	0.664		mg/kg	0.113	0.074	1	12/22/20 14:43	12/23/20 10:19	EPA 7471B	1,7471B	VW
Selenium, Total	1.11	J	mg/kg	1.37	0.177	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV
Silver, Total	0.384	J	mg/kg	0.686	0.194	1	12/22/20 14:44	12/26/20 20:19	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 73%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.36		mg/kg	0.523	0.109	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Barium, Total	84.0		mg/kg	0.523	0.091	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Cadmium, Total	0.769		mg/kg	0.523	0.051	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Chromium, Total	12.9		mg/kg	0.523	0.050	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Lead, Total	118		mg/kg	2.62	0.140	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Mercury, Total	0.846		mg/kg	0.090	0.059	1	12/22/20 14:43	12/23/20 10:23	EPA 7471B	1,7471B	VW
Selenium, Total	1.36		mg/kg	1.05	0.135	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV
Silver, Total	0.214	J	mg/kg	0.523	0.148	1	12/22/20 14:44	12/26/20 20:24	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08
Client ID: SOIL-SB-115
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 62%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.04		mg/kg	0.613	0.128	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Barium, Total	102		mg/kg	0.613	0.107	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Cadmium, Total	0.484	J	mg/kg	0.613	0.060	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Chromium, Total	16.3		mg/kg	0.613	0.059	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Lead, Total	30.1		mg/kg	3.06	0.164	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Mercury, Total	0.403		mg/kg	0.115	0.075	1	12/22/20 14:43	12/23/20 10:26	EPA 7471B	1,7471B	VW
Selenium, Total	0.496	J	mg/kg	1.23	0.158	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV
Silver, Total	0.337	J	mg/kg	0.613	0.173	1	12/22/20 14:44	12/26/20 20:29	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09
Client ID: CHA-1
Sample Location: SYRACUSE, NY
Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 59%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.48		mg/kg	0.637	0.132	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Barium, Total	104		mg/kg	0.637	0.111	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Cadmium, Total	0.688		mg/kg	0.637	0.062	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Chromium, Total	18.0		mg/kg	0.637	0.061	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Lead, Total	119		mg/kg	3.19	0.171	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Mercury, Total	1.43		mg/kg	0.106	0.069	1	12/22/20 14:43	12/23/20 10:29	EPA 7471B	1,7471B	VW
Selenium, Total	0.886	J	mg/kg	1.27	0.164	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV
Silver, Total	2.01		mg/kg	0.637	0.180	1	12/22/20 14:44	12/26/20 20:34	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.83		mg/kg	0.453	0.094	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Barium, Total	37.6		mg/kg	0.453	0.079	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Cadmium, Total	0.159	J	mg/kg	0.453	0.044	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Chromium, Total	4.92		mg/kg	0.453	0.044	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Lead, Total	2.58		mg/kg	2.27	0.121	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/22/20 14:43	12/23/20 10:33	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.906	0.117	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.453	0.128	1	12/22/20 14:44	12/26/20 20:39	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11
Client ID: SOIL-SB-120
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 13:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 89%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	9.73		mg/kg	0.423	0.088	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Barium, Total	40.1		mg/kg	0.423	0.074	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Cadmium, Total	0.241	J	mg/kg	0.423	0.041	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Chromium, Total	9.35		mg/kg	0.423	0.041	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Lead, Total	3.89		mg/kg	2.12	0.113	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.073	0.048	1	12/22/20 14:43	12/23/20 09:43	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.846	0.109	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.423	0.120	1	12/22/20 14:44	12/26/20 18:47	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12
Client ID: SOIL-SB-121
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 14:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	1.27		mg/kg	0.490	0.102	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Barium, Total	55.6		mg/kg	0.490	0.085	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Cadmium, Total	0.284	J	mg/kg	0.490	0.048	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Chromium, Total	10.5		mg/kg	0.490	0.047	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Lead, Total	17.2		mg/kg	2.45	0.131	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/22/20 14:43	12/23/20 10:36	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.980	0.126	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.490	0.139	1	12/22/20 14:44	12/26/20 20:44	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	5.24		mg/kg	0.451	0.094	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Barium, Total	62.4		mg/kg	0.451	0.079	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Cadmium, Total	0.253	J	mg/kg	0.451	0.044	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Chromium, Total	5.36		mg/kg	0.451	0.043	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Lead, Total	2.45		mg/kg	2.26	0.121	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/22/20 14:43	12/23/20 10:39	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.902	0.116	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.451	0.128	1	12/22/20 14:44	12/26/20 20:48	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14
Client ID: SOIL-SB-125
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.62		mg/kg	0.510	0.106	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Barium, Total	39.6		mg/kg	0.510	0.089	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Cadmium, Total	0.301	J	mg/kg	0.510	0.050	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Chromium, Total	10.2		mg/kg	0.510	0.049	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Lead, Total	9.68		mg/kg	2.55	0.137	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.085	0.056	1	12/22/20 14:43	12/23/20 10:42	EPA 7471B	1,7471B	VW
Selenium, Total	0.704	J	mg/kg	1.02	0.132	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.510	0.144	1	12/22/20 14:44	12/26/20 20:53	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 61%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.75		mg/kg	0.636	0.132	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Barium, Total	60.0		mg/kg	0.636	0.111	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Cadmium, Total	0.452	J	mg/kg	0.636	0.062	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Chromium, Total	11.0		mg/kg	0.636	0.061	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Lead, Total	92.5		mg/kg	3.18	0.170	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Mercury, Total	0.214		mg/kg	0.103	0.068	1	12/22/20 14:43	12/23/20 10:46	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	1.27	0.164	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.636	0.180	1	12/22/20 14:44	12/26/20 21:07	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16
Client ID: SOIL-SB-128
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	10.9		mg/kg	0.507	0.105	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Barium, Total	44.5		mg/kg	0.507	0.088	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Cadmium, Total	0.456	J	mg/kg	0.507	0.050	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Chromium, Total	12.2		mg/kg	0.507	0.049	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Lead, Total	33.7		mg/kg	2.54	0.136	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Mercury, Total	0.108		mg/kg	0.092	0.060	1	12/22/20 14:43	12/23/20 10:56	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	1.01	0.131	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.507	0.144	1	12/22/20 14:44	12/26/20 21:12	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17
Client ID: SOIL-SB-129
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 12:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 74%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	11.8		mg/kg	0.513	0.107	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Barium, Total	62.6		mg/kg	0.513	0.089	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Cadmium, Total	0.827		mg/kg	0.513	0.050	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Chromium, Total	18.4		mg/kg	0.513	0.049	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Lead, Total	646		mg/kg	2.57	0.138	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Mercury, Total	2.54		mg/kg	0.095	0.062	1	12/22/20 14:43	12/23/20 10:59	EPA 7471B	1,7471B	VW
Selenium, Total	0.816	J	mg/kg	1.03	0.132	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.513	0.145	1	12/22/20 14:44	12/26/20 21:17	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18
Client ID: SOIL-SB-130
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 81%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	8.86		mg/kg	0.469	0.098	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Barium, Total	38.4		mg/kg	0.469	0.082	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Cadmium, Total	0.239	J	mg/kg	0.469	0.046	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Chromium, Total	5.63		mg/kg	0.469	0.045	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Lead, Total	2.24	J	mg/kg	2.35	0.126	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.077	0.050	1	12/22/20 14:43	12/23/20 11:02	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.939	0.121	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.469	0.133	1	12/22/20 14:44	12/26/20 21:21	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.84		mg/kg	0.497	0.103	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Barium, Total	46.2		mg/kg	0.497	0.087	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Cadmium, Total	0.254	J	mg/kg	0.497	0.049	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Chromium, Total	5.94		mg/kg	0.497	0.048	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Lead, Total	11.9		mg/kg	2.49	0.133	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.091	0.060	1	12/22/20 14:43	12/23/20 11:06	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.994	0.128	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.497	0.141	1	12/22/20 14:44	12/26/20 21:26	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20
Client ID: SOIL-SB-132
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.81		mg/kg	0.449	0.093	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Barium, Total	46.6		mg/kg	0.449	0.078	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Cadmium, Total	0.211	J	mg/kg	0.449	0.044	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Chromium, Total	5.24		mg/kg	0.449	0.043	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Lead, Total	2.11	J	mg/kg	2.24	0.120	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Mercury, Total	ND		mg/kg	0.073	0.048	1	12/22/20 14:43	12/23/20 11:09	EPA 7471B	1,7471B	VW
Selenium, Total	ND		mg/kg	0.898	0.116	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.449	0.127	1	12/22/20 14:44	12/26/20 21:31	EPA 3050B	1,6010D	BV

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-21
Client ID: TMW-116
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01310		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Barium, Total	0.7717		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00127		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Chromium, Total	0.03379		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Lead, Total	0.06255		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:38	EPA 7470A	1,7470A	VW
Selenium, Total	0.0126		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 15:42	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-22
Client ID: TMW-119
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 08:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00699		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Barium, Total	0.3053		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00075		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Chromium, Total	0.02320		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Lead, Total	0.08176		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:41	EPA 7470A	1,7470A	VW
Selenium, Total	0.00182	J	mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 15:47	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-23
Client ID: TMW-104
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01990		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Barium, Total	0.4859		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00376		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Chromium, Total	0.03602		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Lead, Total	2.175		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Mercury, Total	0.00011	J	mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:44	EPA 7470A	1,7470A	VW
Selenium, Total	0.00658		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 15:52	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-24
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:00
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.01762		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Barium, Total	0.5686		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00330		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Chromium, Total	0.03358		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Lead, Total	2.998		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:48	EPA 7470A	1,7470A	VW
Selenium, Total	0.00763		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 15:57	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-25
Client ID: TMW-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.03391		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Barium, Total	0.2667		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00031		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Chromium, Total	0.01053		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Lead, Total	0.1586		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Mercury, Total	0.00019	J	mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:51	EPA 7470A	1,7470A	VW
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 16:51	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-26
Client ID: TMW-112
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.03730		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Barium, Total	0.3416		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00020		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Chromium, Total	0.00934		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Lead, Total	0.04939		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 16:01	EPA 7470A	1,7470A	VW
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 16:56	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-27
Client ID: TMW-133
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00554		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Barium, Total	1.545		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00156		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Chromium, Total	0.01807		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Lead, Total	0.04065		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 16:04	EPA 7470A	1,7470A	VW
Selenium, Total	0.00410	J	mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 17:01	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-28
Client ID: TMW-101
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:40
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.06336		mg/l	0.00100	0.00033	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Barium, Total	2.377		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00043		mg/l	0.00040	0.00011	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Chromium, Total	0.01504		mg/l	0.00200	0.00035	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Lead, Total	0.01701		mg/l	0.00200	0.00068	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:28	EPA 7470A	1,7470A	VW
Selenium, Total	ND		mg/l	0.0100	0.00346	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00080	0.00032	1	12/22/20 22:37	12/28/20 15:37	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-29
Client ID: MW-5A
Sample Location: SYRACUSE, NY

Date Collected: 12/11/20 13:10
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.02144		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Barium, Total	0.5104		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00194		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Chromium, Total	0.01334		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Lead, Total	0.02767		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 16:08	EPA 7470A	1,7470A	VW
Selenium, Total	0.00736		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 17:06	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-30
Client ID: MW-6A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00386		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Barium, Total	0.3732		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Cadmium, Total	0.08776		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Chromium, Total	0.00767		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Lead, Total	0.01253		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 16:11	EPA 7470A	1,7470A	VW
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 17:11	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-31
Client ID: MW-7A
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:25
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.00862		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Barium, Total	0.5302		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Cadmium, Total	0.01398		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Chromium, Total	0.01303		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Lead, Total	0.02883		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 16:14	EPA 7470A	1,7470A	VW
Selenium, Total	0.00271	J	mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 17:16	EPA 3005A	1,6020B	AM

Project Name: FORMER COYNE TEXTILE
Lab Number: L2054538
Project Number: 059294.001.0008500
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33
Client ID: SOIL-SB-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 15:45
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.569		mg/kg	0.494	0.103	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Barium, Total	8.61		mg/kg	0.494	0.086	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Cadmium, Total	0.282	J	mg/kg	0.494	0.049	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Chromium, Total	5.85		mg/kg	0.494	0.048	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Lead, Total	4.90		mg/kg	2.47	0.132	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Mercury, Total	ND		mg/kg	0.082	0.054	1	12/22/20 08:00	12/22/20 19:01	EPA 7471B	1,7471B	EW
Selenium, Total	ND		mg/kg	0.989	0.128	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS
Silver, Total	ND		mg/kg	0.494	0.140	1	12/22/20 06:40	12/23/20 11:48	EPA 3050B	1,6010D	PS

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 33 Batch: WG1447681-1										
Arsenic, Total	0.252	J	mg/kg	0.400	0.083	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Barium, Total	ND		mg/kg	0.400	0.070	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Chromium, Total	0.064	J	mg/kg	0.400	0.038	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Lead, Total	ND		mg/kg	2.00	0.107	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS
Silver, Total	ND		mg/kg	0.400	0.113	1	12/22/20 06:40	12/23/20 11:21	1,6010D	PS

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 33 Batch: WG1447683-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/22/20 08:00	12/22/20 18:54	1,7471B	EW

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-31 Batch: WG1447744-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/22/20 22:37	12/28/20 14:14	1,6020B	AM

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 21-31 Batch: WG1447746-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/22/20 23:39	12/23/20 15:21	1,7470A	VW

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1447818-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Barium, Total	ND		mg/kg	0.400	0.070	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Lead, Total	ND		mg/kg	2.00	0.107	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV
Silver, Total	ND		mg/kg	0.400	0.113	1	12/22/20 14:44	12/26/20 18:38	1,6010D	BV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-20 Batch: WG1447822-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/22/20 14:43	12/23/20 09:36	1,7471B	VW

Project Name: FORMER COYNE TEXTILE **Lab Number:** L2054538

Project Number: 059294.001.0008500 **Report Date:** 12/29/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33 Batch: WG1447681-2 SRM Lot Number: D109-540								
Arsenic, Total	102		-		70-130	-		
Barium, Total	99		-		75-125	-		
Cadmium, Total	99		-		75-125	-		
Chromium, Total	100		-		70-130	-		
Lead, Total	102		-		72-128	-		
Selenium, Total	104		-		68-132	-		
Silver, Total	105		-		68-131	-		
Total Metals - Mansfield Lab Associated sample(s): 33 Batch: WG1447683-2 SRM Lot Number: D109-540								
Mercury, Total	95		-		60-140	-		
Total Metals - Mansfield Lab Associated sample(s): 21-31 Batch: WG1447744-2								
Arsenic, Total	112		-		80-120	-		
Barium, Total	106		-		80-120	-		
Cadmium, Total	116		-		80-120	-		
Chromium, Total	102		-		80-120	-		
Lead, Total	109		-		80-120	-		
Selenium, Total	113		-		80-120	-		
Silver, Total	110		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 21-31 Batch: WG1447746-2					
Mercury, Total	84	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1447818-2 SRM Lot Number: D109-540					
Arsenic, Total	96	-	70-130	-	
Barium, Total	92	-	75-125	-	
Cadmium, Total	91	-	75-125	-	
Chromium, Total	97	-	70-130	-	
Lead, Total	87	-	72-128	-	
Selenium, Total	94	-	68-132	-	
Silver, Total	98	-	68-131	-	
Total Metals - Mansfield Lab Associated sample(s): 01-20 Batch: WG1447822-2 SRM Lot Number: D109-540					
Mercury, Total	78	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1447681-3 QC Sample: L2056108-01 Client ID: MS Sample												
Arsenic, Total	3.88	11.2	14.7	96		-	-		75-125	-		20
Barium, Total	262	188	474	113		-	-		75-125	-		20
Cadmium, Total	1.38	4.78	5.79	92		-	-		75-125	-		20
Chromium, Total	37.3	18.8	56.9	104		-	-		75-125	-		20
Lead, Total	233	47.8	258	**52**	Q	-	-		75-125	-		20
Selenium, Total	ND	11.2	11.3	100		-	-		75-125	-		20
Silver, Total	2.37	28.1	32.2	106		-	-		75-125	-		20
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1447683-3 QC Sample: L2054538-33 Client ID: SOIL-SB-134												
Mercury, Total	ND	0.164	0.154	94		-	-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 21-31 QC Batch ID: WG1447744-3 WG1447744-4 QC Sample: L2054538-28 Client ID: TMW-101												
Arsenic, Total	0.06336	0.24	0.3419	116		0.3421	116		75-125	0		20
Barium, Total	2.377	4	6.687	108		6.578	105		75-125	2		20
Cadmium, Total	0.00043	0.102	0.1196	117		0.1161	113		75-125	3		20
Chromium, Total	0.01504	0.4	0.4311	104		0.4209	101		75-125	2		20
Lead, Total	0.01701	1.02	1.168	113		1.136	110		75-125	3		20
Selenium, Total	ND	0.24	0.270	112		0.258	108		75-125	5		20
Silver, Total	ND	0.1	0.1109	111		0.1080	108		75-125	3		20
Total Metals - Mansfield Lab Associated sample(s): 21-31 QC Batch ID: WG1447746-3 WG1447746-4 QC Sample: L2054538-28 Client ID: TMW-101												
Mercury, Total	ND	0.005	0.00462	92		0.00467	93		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1447818-3 WG1447818-4 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Arsenic, Total	9.73	10.3	26.8	**166**	Q	20.0	100		75-125	**29**	Q	20
Barium, Total	40.1	171	174	78		176	80		75-125	1		20
Cadmium, Total	0.241J	4.36	3.59	82		3.54	81		75-125	1		20
Chromium, Total	9.35	17.1	22.6	77		21.9	**73**	Q	75-125	3		20
Lead, Total	3.89	43.6	34.2	**69**	Q	34.7	**71**	Q	75-125	1		20
Selenium, Total	ND	10.3	8.48	82		8.46	82		75-125	0		20
Silver, Total	ND	25.7	24.7	96		24.8	97		75-125	0		20
Total Metals - Mansfield Lab Associated sample(s): 01-20 QC Batch ID: WG1447822-3 WG1447822-4 QC Sample: L2054538-11 Client ID: SOIL-SB-120												
Mercury, Total	ND	0.161	0.171	106		0.168	111		80-120	2		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1447681-4 QC Sample: L2056108-01 Client ID: DUP Sample						
Arsenic, Total	3.88	6.99	mg/kg	**57**	Q	20
Barium, Total	262	225	mg/kg	15		20
Cadmium, Total	1.38	1.53	mg/kg	10		20
Chromium, Total	37.3	33.9	mg/kg	10		20
Lead, Total	233	209	mg/kg	11		20
Selenium, Total	ND	0.244J	mg/kg	NC		20
Silver, Total	2.37	2.63	mg/kg	10		20
Total Metals - Mansfield Lab Associated sample(s): 33 QC Batch ID: WG1447683-4 QC Sample: L2054538-33 Client ID: SOIL-SB-134						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-01
Client ID: SOIL-SB-100
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 09:20
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.4		%	0.100	NA	1	-	12/08/20 13:24	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-02
Client ID: SOIL-SB-105
Sample Location: SYRACUSE, NY

Date Collected: 12/07/20 13:50
Date Received: 12/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	12/08/20 13:24	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-03
Client ID: SOIL-SB-106
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 08:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.1		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-04
Client ID: SOIL-SB-108
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 09:40
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-05
Client ID: SOIL-SB-110
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:00
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-06
Client ID: SOIL-SB-111
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 11:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	56.2		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-07
Client ID: SOIL-SB-113
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	73.4		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-08
Client ID: SOIL-SB-115
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	61.6		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-09
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 12/08/20 15:45
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	59.3		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-10
Client ID: SOIL-SB-116
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 08:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-11
Client ID: SOIL-SB-120
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 13:10
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.0		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-12
Client ID: SOIL-SB-121
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 14:25
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.3		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-13
Client ID: SOIL-SB-124
Sample Location: SYRACUSE, NY

Date Collected: 12/09/20 15:50
Date Received: 12/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	12/10/20 10:33	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-14
Client ID: SOIL-SB-125
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 09:10
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.0		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-15
Client ID: SOIL-SB-126
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 10:30
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	60.7		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-16
Client ID: SOIL-SB-128
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 11:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.4		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-17
Client ID: SOIL-SB-129
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 12:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.0		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-18
Client ID: SOIL-SB-130
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:15
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.3		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-19
Client ID: SOIL-SB-131
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 13:40
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.0		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-20
Client ID: SOIL-SB-132
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 14:05
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	12/11/20 12:07	121,2540G	RI

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

SAMPLE RESULTS

Lab ID: L2054538-33
Client ID: SOIL-SB-134
Sample Location: SYRACUSE, NY

Date Collected: 12/10/20 15:45
Date Received: 12/10/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.6		%	0.100	NA	1	-	12/16/20 16:46	121,2540G	TR

Lab Duplicate Analysis

Batch Quality Control

Project Name: FORMER COYNE TEXTILE

Project Number: 059294.001.0008500

Lab Number: L2054538

Report Date: 12/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1442222-1 QC Sample: L2054183-01 Client ID: DUP Sample						
Solids, Total	82.6	83.1	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 03-13 QC Batch ID: WG1443259-1 QC Sample: L2054538-11 Client ID: SOIL-SB-120						
Solids, Total	89.0	81.9	%	8		20
General Chemistry - Westborough Lab Associated sample(s): 14-20 QC Batch ID: WG1443939-1 QC Sample: L2055319-03 Client ID: DUP Sample						
Solids, Total	90.2	91.5	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 33 QC Batch ID: WG1446089-1 QC Sample: L2054538-33 Client ID: SOIL-SB-134						
Solids, Total	76.6	74.3	%	3		20

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
A1	Absent
A2	Absent
A3	Absent
B	Absent
B2	Absent
B3	Absent
C3	Absent
D3	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-01A	Vial MeOH preserved	A	NA		2.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-01B	Vial water preserved	A	NA		2.3	Y	Absent	08-DEC-20 04:42	NYTCL-8260HLW-R2(14)
L2054538-01C	Vial water preserved	A	NA		2.3	Y	Absent	08-DEC-20 04:42	NYTCL-8260HLW-R2(14)
L2054538-01D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2054538-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-01F	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-02A	Vial MeOH preserved	A	NA		2.3	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-02B	Vial water preserved	A	NA		2.3	Y	Absent	08-DEC-20 04:42	NYTCL-8260HLW-R2(14)
L2054538-02C	Vial water preserved	A	NA		2.3	Y	Absent	08-DEC-20 04:42	NYTCL-8260HLW-R2(14)
L2054538-02D	Plastic 2oz unpreserved for TS	A	NA		2.3	Y	Absent		TS(7)
L2054538-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.3	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-02F	Glass 250ml/8oz unpreserved	A	NA		2.3	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-03A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-03B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-03C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-03D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-03D1	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-03E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-03F	Plastic 8oz unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-03G	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-04A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-04B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-04C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-04D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-04E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-04F	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-05A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-05B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-05C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-05D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-05E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-05F	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-06A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-06B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-06C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-06D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-06E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-06F	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-07A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-07B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-07C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-07D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-07D1	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-07E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-07F	Plastic 8oz unpreserved	B	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-07G	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-08A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-08B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-08C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-08D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-08E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-08F	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-09A	Vial MeOH preserved	B	NA		3.6	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-09B	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-09C	Vial water preserved	B	NA		3.6	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-09D	Plastic 2oz unpreserved for TS	B	NA		3.6	Y	Absent		TS(7)
L2054538-09E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.6	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-09F	Glass 250ml/8oz unpreserved	B	NA		3.6	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-10A	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-10B	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-10C	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-10D	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-10D1	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-10E	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-10F	Plastic 8oz unpreserved	A1	NA		2.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-10G	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-11A	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-11A1	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-11A2	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-11B	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11B1	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11B2	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11C	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11C1	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11C2	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-11D	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-11D1	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-11D2	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-11E	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-11E1	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-11E2	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-11F	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-11F1	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-11F2	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-12A	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-12B	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-12C	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-12D	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-12E	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-12F	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-13A	Vial MeOH preserved	A1	NA		2.4	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-13B	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-13C	Vial water preserved	A1	NA		2.4	Y	Absent	10-DEC-20 06:46	NYTCL-8260HLW-R2(14)
L2054538-13D	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-13D1	Plastic 2oz unpreserved for TS	A1	NA		2.4	Y	Absent		TS(7)
L2054538-13E	Metals Only-Glass 60mL/2oz unpreserved	A1	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-13F	Plastic 8oz unpreserved	A1	NA		2.4	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-13G	Glass 250ml/8oz unpreserved	A1	NA		2.4	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-14A	Vial MeOH preserved	A2	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-14B	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-14C	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-14D	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-14E	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.2	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-14F	Glass 250ml/8oz unpreserved	A2	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-15A	Vial MeOH preserved	A2	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-15B	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-15C	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-15D	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-15D1	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-15E	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-15F	Plastic 8oz unpreserved	A2	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-15G	Glass 250ml/8oz unpreserved	A2	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-16A	Vial MeOH preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-16B	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-16C	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-16D	Plastic 2oz unpreserved for TS	B2	NA		2.7	Y	Absent		TS(7)
L2054538-16E	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		2.7	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-16F	Glass 250ml/8oz unpreserved	B2	NA		2.7	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-17A	Vial MeOH preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-17B	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-17C	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-17D	Plastic 2oz unpreserved for TS	B2	NA		2.7	Y	Absent		TS(7)
L2054538-17E	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		2.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-17F	Glass 250ml/8oz unpreserved	B2	NA		2.7	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-18A	Vial MeOH preserved	A2	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-18B	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-18C	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-18D	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-18E	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2054538-18F	Glass 250ml/8oz unpreserved	A2	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-19A	Vial MeOH preserved	A2	NA		2.2	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-19B	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-19C	Vial water preserved	A2	NA		2.2	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-19D	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-19D1	Plastic 2oz unpreserved for TS	A2	NA		2.2	Y	Absent		TS(7)
L2054538-19E	Metals Only-Glass 60mL/2oz unpreserved	A2	NA		2.2	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-19F	Plastic 8oz unpreserved	A2	NA		2.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-19G	Glass 250ml/8oz unpreserved	A2	NA		2.2	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-20A	Vial MeOH preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-20B	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-20C	Vial water preserved	B2	NA		2.7	Y	Absent	11-DEC-20 10:57	NYTCL-8260HLW-R2(14)
L2054538-20D	Plastic 2oz unpreserved for TS	B2	NA		2.7	Y	Absent		TS(7)
L2054538-20E	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		2.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-20F	Glass 250ml/8oz unpreserved	B2	NA		2.7	Y	Absent		NYTCL-8270(14),NYTCL-8082(14)
L2054538-21A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-21B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-21C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-21D	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-21E	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-21F	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-21G	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-21H	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-21I	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-21J	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-21K	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-21L	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-22A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-22B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-22C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-22D	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-22E	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-22F	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-22G	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-22H	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-23A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-23B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-23C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-23D	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-23E	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-23F	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-23G	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-23H	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-24A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-24B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-24C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-24D	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28)
L2054538-24E	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-24F	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-24G	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-24H	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-25A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-25B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-25C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-25D	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-25E	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-25F	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2054538-25G	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-25H	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-25I	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-25J	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-25K	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-25L	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-26A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-26B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-26C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-26D	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-26E	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-26F	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-26G	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-26H	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8270-LVI(7)
L2054538-27A	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-27B	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-27C	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-27D	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-27E	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-27F	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180)
L2054538-27G	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-27H	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-27I	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-27J	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-27K	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-27L	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-28A	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28A1	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28A2	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28B	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28B1	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-28B2	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28C	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28C1	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28C2	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-28D	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2054538-28D1	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2054538-28D2	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2054538-28E	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28E1	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28E2	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28F	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28F1	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28F2	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-28G	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-28G1	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-28G2	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-28H	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-28H1	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-28H2	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-29A	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-29B	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-29C	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-29D	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		SE-6020T(180),BA-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-29E	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-29F	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-29G	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-29H	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-30A	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-30B	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-30C	Vial HCl preserved	D3	NA		5.1	Y	Absent		NYTCL-8260-R2(14)
L2054538-30D	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-30E	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-30F	Plastic 250ml HNO3 preserved	D3	<2	<2	5.1	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28)
L2054538-30G	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-30H	Amber 120ml unpreserved	D3	7	7	5.1	Y	Absent		NYTCL-8082-LVI(7)
L2054538-30I	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-30J	Amber 250ml unpreserved	A3	7	7	4.3	Y	Absent		NYTCL-8270-LVI(7)
L2054538-30K	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-30L	Amber 250ml unpreserved	D3	7	7	5.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2054538-31A	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-31B	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-31C	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-31D	Plastic 250ml HNO3 preserved	C3	<2	<2	3.6	Y	Absent		BA-6020T(180),SE-6020T(180),CR-6020T(180),PB-6020T(180),AS-6020T(180),CD-6020T(180),HG-T(28),AG-6020T(180)
L2054538-31E	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-31F	Amber 120ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8082-LVI(7)
L2054538-31G	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-31H	Amber 250ml unpreserved	C3	7	7	3.6	Y	Absent		NYTCL-8270-LVI(7)
L2054538-32A	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-32B	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-32C	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-32D	Vial HCl preserved	C3	NA		3.6	Y	Absent		NYTCL-8260-R2(14)
L2054538-32E	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
Project Number: 059294.001.0008500

Lab Number: L2054538
Report Date: 12/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2054538-32F	Plastic 250ml unpreserved	B3	NA		4.0	Y	Absent		A2-NY-537-ISOTOPE(14)
L2054538-33A	Vial MeOH preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-33B	Vial water preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-33C	Vial water preserved	B2	NA		2.7	Y	Absent		NYTCL-8260HLW-R2(14)
L2054538-33D	Plastic 2oz unpreserved for TS	B2	NA		2.7	Y	Absent		-
L2054538-33E	Metals Only-Glass 60mL/2oz unpreserved	B2	NA		2.7	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),SE-TI(180),PB-TI(180),HG-T(28),CD-TI(180)
L2054538-33F	Glass 250ml/8oz unpreserved	B2	NA		2.7	Y	Absent		NYTCL-8270(14),TS(7),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name: FORMER COYNE TEXTILE
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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	FORMER COYNE TEXTILE	**Lab Number:**	L2054538
Project Number:	059294.001.0008500	**Report Date:**	12/29/20

REFERENCES

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

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 12/08/20

ALPHA Job #: L2054538

Client Information

Client: CHA Consulting
Address: 300 S. State St 600
Syracuse NY 13202
Phone: 315-257-7250
Fax:
Email: kehmann@chacompanies.com

Project Information

Project Name: Former Coyne Textile
Project Location: Syracuse NY
Project #: 059294.001.0008500
(Use Project name as Project #) ☐
Project Manager: Melissa Deyo
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Regulatory Requirement

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

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

hold report for all samples week of 12.7 → 12.11

Please specify Metals or TAL. RCRA 8 metals

Sample Filtration
☐ Done
☐ Lab to do

Preservation
☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 HLW	TCL SVOCs 8270	Total PCBs 8082	RCRA 8 metals	Total Solids				Sample Specific Comments	Total Bottle
54538-01	SOIL-SB-100	12.7.20	0920	Soil	KE	X	X	X	X	X					6
-02	SOIL-SB-105	12.7.20	1351350	Soil	KE	X	X	X	X	X					6

Container Type	E	A	A	A	E		
Preservative	F/D	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By: AAL	Date/Time
[signature]	12.7.20 / 1530	[signature]	12/7/20 1925
[signature]	12/7/20 1925	[signature]	12/8/20 01:15

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA

NEW YORK CHAIN OF CUSTODY

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 12/10/20

ALPHA Job # L2054538

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Project Information
Project Name: Former Layne Textile
Project Location: Syracuse, NY
Project # 05929.001
(Use Project name as Project #) ☐
Project Manager: Melissa Reyo
ALPHAQuote #:

Client Information
Client: CHA Consulting
Address: 300 S. State St. 13202
Syracuse NY ~~13202~~
Phone: 315-257-7250
Fax:
Email: kellmann@chacompanies.com

Turn-Around Time
Standard ☒
Rush (only if pre approved) ☐
Due Date:
# of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

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

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Combine sample

Please specify Metals or TAL. RCRA 8 metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 HW	TCL SVOCs 8270	Total PCBs 8082	RCRA 8 metals	Total Solids	PFAS A2-537 (ISTD)	Total Solids	Sample Specific Comments	Total Bottles
54538-03	SOIL-SB-106	12-8-20	8:45	Soil	KE	X	X	X	X	X	X	X		
-04	SOIL-SB-108	↓	9:40	↓	↓	X	X	X	X	X				
-05	SOIL-SB-110	↓	11:00	↓	↓	X	X	X	X	X				
-06	SOIL-SB-111	↓	11:50	↓	↓	X	X	X	X	X				
-07	SOIL-SB-113	↓	15:10	↓	↓	X	X	X	X	X	X	X		
-08	SOIL-SB-115	↓	15:45	↓	↓	X	X	X	X	X				
-09	CHA-1	↓	15:45	↓	↓	X	X	X	X	X				

Container Type	E	A	A	A	E	P	P
Preservative	F/O	A	A	A	A	A	A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12/9/20 / 1150	AAL [signature]	12/09/2020 1151
[signature]	12/09/2020 1151	[signature]	12/10/20 00:45

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Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA

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FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page ___ of ___

Date Rec'd in Lab: 12/10/20

ALPHA Job #: L2054538

Project Information

- Project Name: Former Lowe Textile
- Project Location: Syracuse NY
- Project #: 059294.001.0008500
- (Use Project name as Project #) ☐
- Project Manager: Melissa Deyo
- ALPHAQuote #:

Client Information

- Client: CHA Consulting
- Address: 300 S. State St. Syracuse NY
- Phone: 315-257-7250
- Fax:
- Email: kehrmann@chacompanies

Turn-Around Time

- Standard ☒
- Rush (only if pre approved) ☐
- Due Date:
- # of Days:

Deliverables

- ☐ ASP-A
- ☒ ASP-B
- ☐ EQuIS (1 File)
- ☒ EQuIS (4 File)
- ☐ Other

Billing Information

- ☐ Same as Client Info
- PO #

Regulatory Requirement

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

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility: ☐ NJ ☐ NY ☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL. RCRA 8 metals

Sample Filtration

- ☐ Done
- ☐ Lab to do

Preservation

- ☐ Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 HLW	TCL SVOCs 8270	Total PCB 8082	RCRA 8 metals	Total Solids	PFAS A2:537 isotope	Total Solids	Sample Specific Comments	Total Bottles
54538 -10	SOIL-SB-116	12.9.20	825	Soil	KE	X	X	X	X	X	X	X		8
-11	SOIL-SB-120	↓	1310	↓	↓	X	X	X	X	X				6
-11	MS	↓	1310	↓	↓	X	X	X	X	X				6
-11	MSD	↓	1310	↓	↓	X	X	X	X	X				6
-12	SOIL-SB-121	↓	1425	↓	↓	X	X	X	X	X				6
-13	SOIL-SB-124	↓	1530	↓	↓	X	X	X	X	X	X	X		8
Container Type						E	A	A	A	P	P	P		
Preservative						F/D	A	A	A	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12-9-20 / 1830	AAL [signature]	12/09/2020 1830
[signature]	12/09/2020 / 1830	[signature]	12/10/20 00:45

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Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

NEW YORK CHAIN OF CUSTODY

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Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page
of

Date Rec'd in Lab: 12/11/20

ALPHA Job #: L2054538

Client Information
Client: CHA Consulting
Address: 300 S State St. Syracuse NY 13202
Phone: 315-257-7250
Fax:
Email: kehmann@chacompanies.com

Project Information
Project Name: Former Coyne Textile
Project Location: Syracuse NY
Project #: 059744.001.0008500
(Use Project name as Project #) ☐
Project Manager: Melissa Deyo
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL. RCRA 8 metals

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 HLW	TCL SVOCs 8270	Total PCBs 8082	RCRA 8 Metals	Total Solids	A2-537 PFAS isotope	Total Solids		Sample Specific Comments	Total Bottle
54538-01 -14	SOIL-SB-125	12.10.20	9:10	soil	KE	X	X	X	X	X					6
-02 -15	SOIL-SB-126	↓	10:30	↓	↓	X	X	X	X	X	X	X			8
-03 -16	SOIL-SB-128	↓	11:15	↓	↓	X	X	X	X	X					6
-04 -17	SOIL-SB-129	↓	12:05	↓	↓	X	X	X	X	X					6
-18	SOIL-SB-130	↓	13:15	↓	↓	X	X	X	X	X					6
-19	SOIL-SB-131	↓	13:45	↓	↓	X	X	X	X	X	X	X			8
-20	SOIL-SB-132	↓	14:05	↓	↓	X	X	X	X	X					6
-21	SOIL-SB-134	↓	15:45	↓	↓	X	X	X	X	X					6
Container Type						E	A	A	A	P	P	P			
Preservative						F/W	A	A	A	A	A	A			

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By: AAL	Date/Time
[signature]	1815 / 12.10.2020	[signature]	12/10/20 1825
[signature]	12/10/20 1825	[signature]	12/11/20 01:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
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FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 12/12/20

ALPHA Job #: L2054638

Project Information
Project Name: Former Layne Textile
Project Location: Syracuse NY
Project #: 054224.001.0008500
(Use Project name as Project #) ☐
Project Manager: Melissa Reyes
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: CHA Consulting
Address: 300 S. State St. 600
Syracuse, NY 13202
Phone: 315-257-7250
Fax:
Email: kehmann@chacompanies.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL. RCRA 8 metals

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260 VOC	NYTCL-8270-LVI	NYTCL-8082-LVI	RCRA 8 Metals	1,4-Dioxane-SIM	NY 537 Isotope PFAS			Sample Specific Comments	Total Bottles
54538-021	TMW-116	12.11.20	08:15	water	KE	X	X	X	X	X	X				12
-22	TMW-119	↓	08:30	↓	↓	X	X	X	X						8
-23	TMW-104	↓	09:10	↓	↓	X	X	X	X						8
-24	CHA-1	↓	09:00	↓	↓	X	X	X	X						8
-25	TMW-134	↓	09:40	↓	↓	X	X	X	X	X	X				12
-26	TMW-112	↓	10:30	↓	↓	X	X	X	X						8
-27	TMW-133	↓	11:10	↓	↓	X	X	X	X	X	X				12
-28	TMW-101	↓	11:40	↓	↓	X	X	X	X						
-28	MS	↓	11:40	↓	↓	X	X	X	X						
-28	MSD	↓	11:40	↓	↓	X	X	X	X						
					Container Type	V	A	A	P	A	P				
					Preservative	B	A	A	C	A	A				

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12.11.20 / 1530	A AL M. Radziewski	12-11-20 / 1815
[signature]	12-11-2020 / 1815	[signature]	12/11/20 2210

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ALPHA ANALYTICAL

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NEW YORK CHAIN OF CUSTODY

Service Centers
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Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 12/12/20

ALPHA Job #: L2054538

Project Information
Project Name: Former Coyne Textile
Project Location: Syracuse NY
Project #: 059394.001.00008500
(Use Project name as Project #) ☐
Project Manager: Melissa Deyo
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information
Client: CHA Consulting
Address: 300 S. State St 600
Syracuse NY 13202
Phone: 315-257-7250
Fax:
Email: kehman@chaconpries.com

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

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

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL. RCRA 8

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL-8260	NYTCL-8270-LVI	NYTCL-8082-LVI	RCRA 8 metals	1,4 Dioxane-SIM	NY537 Isotope PFAS			Sample Specific Comments	Total Bottles
54538-29	MW-5A	12-11-20	13:10	water	KE	X	X	X	X						8
-30	MW-6A	↓	13:45	↓	↓	X	X	X	X	X	X				12
-31	MW-7A		14:25			X	X	X	X						8
-32	Trip Blank	↓	14:45	↓	↓	X					X				6

Container Type	V	A	A	P	A	P	
Preservative	B	A	A	C	A	A	

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	12-11-20 / 1530	AAL M. Radziewski	12-11-2020 / 1815
[signature]	12-11-2020 / 1815	[signature]	12/12/20 0910

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

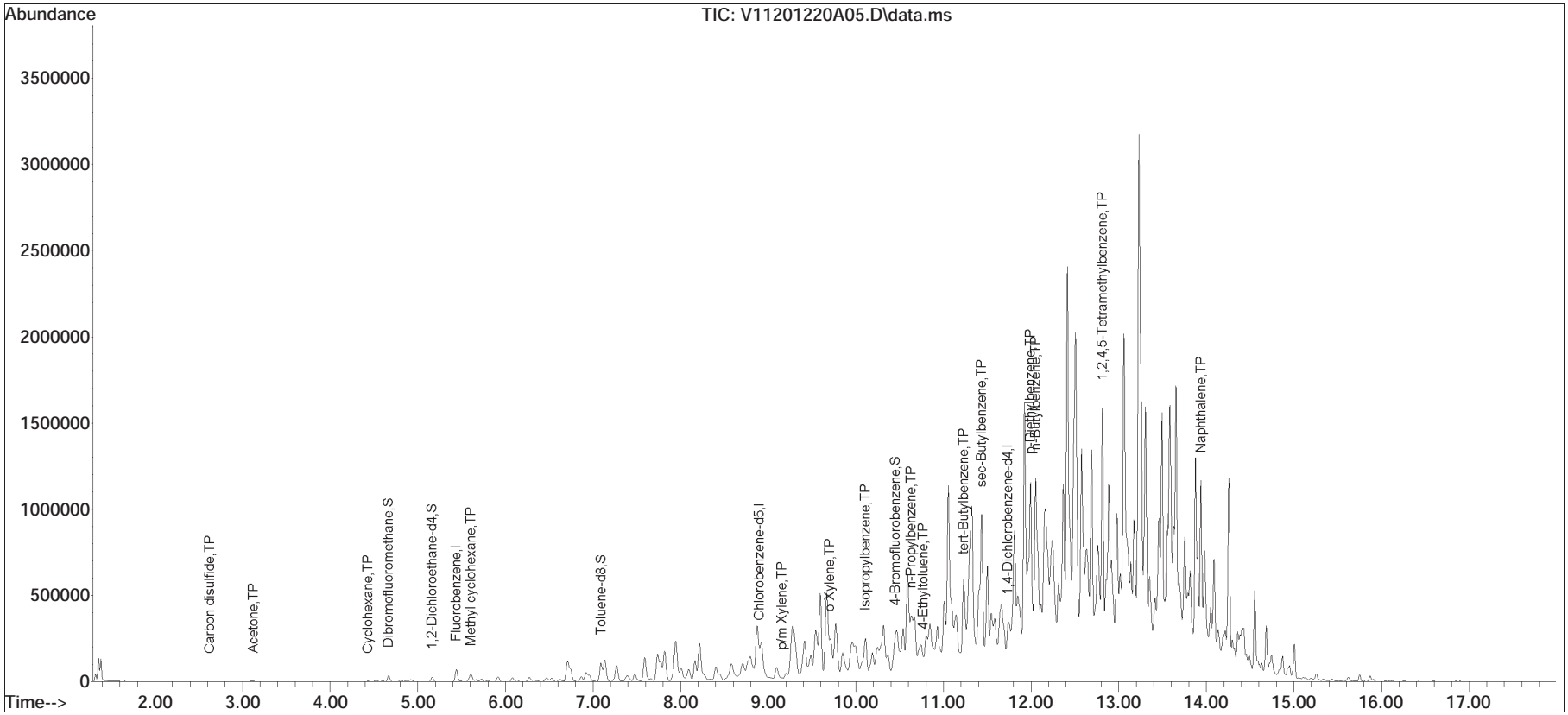
Form No: 01-25 HC (rev. 30-Sept-2013)

Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA111\2020\201220A\
Data File : V11201220A05.D
Acq On : 20 Dec 2020 03:24 pm
Operator : VOA111:NLK
Sample : l2054538-07,31,5.82,5,,c
Misc : WG1447585,ICAL17294
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 21 07:20:30 2020
Quant Method : I:\VOLATILES\VOA111\2020\201220A\V111_201028P_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Oct 29 12:26:02 2020
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox0A\V11201220A01.D•

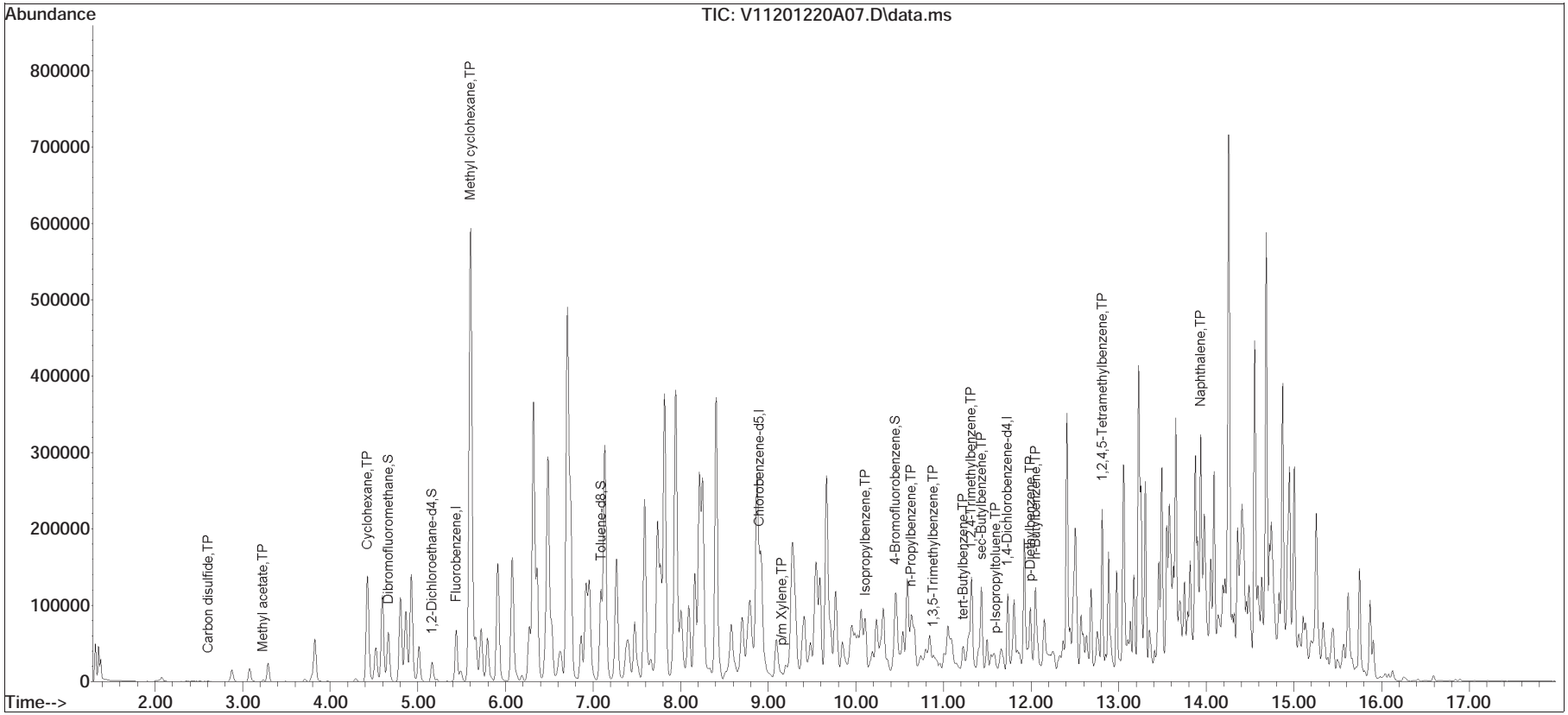


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA111\2020\201220A\
Data File : V11201220A07.D
Acq On : 20 Dec 2020 04:13 pm
Operator : VOA111:NLK
Sample : l2054538-08,31H,5.14,5,0.100,,a
Misc : WG1447587,ICAL17294
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 21 07:27:08 2020
Quant Method : I:\VOLATILES\VOA111\2020\201220A\V111_201028P_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Oct 29 12:26:02 2020
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox0A\V11201220A01.D•

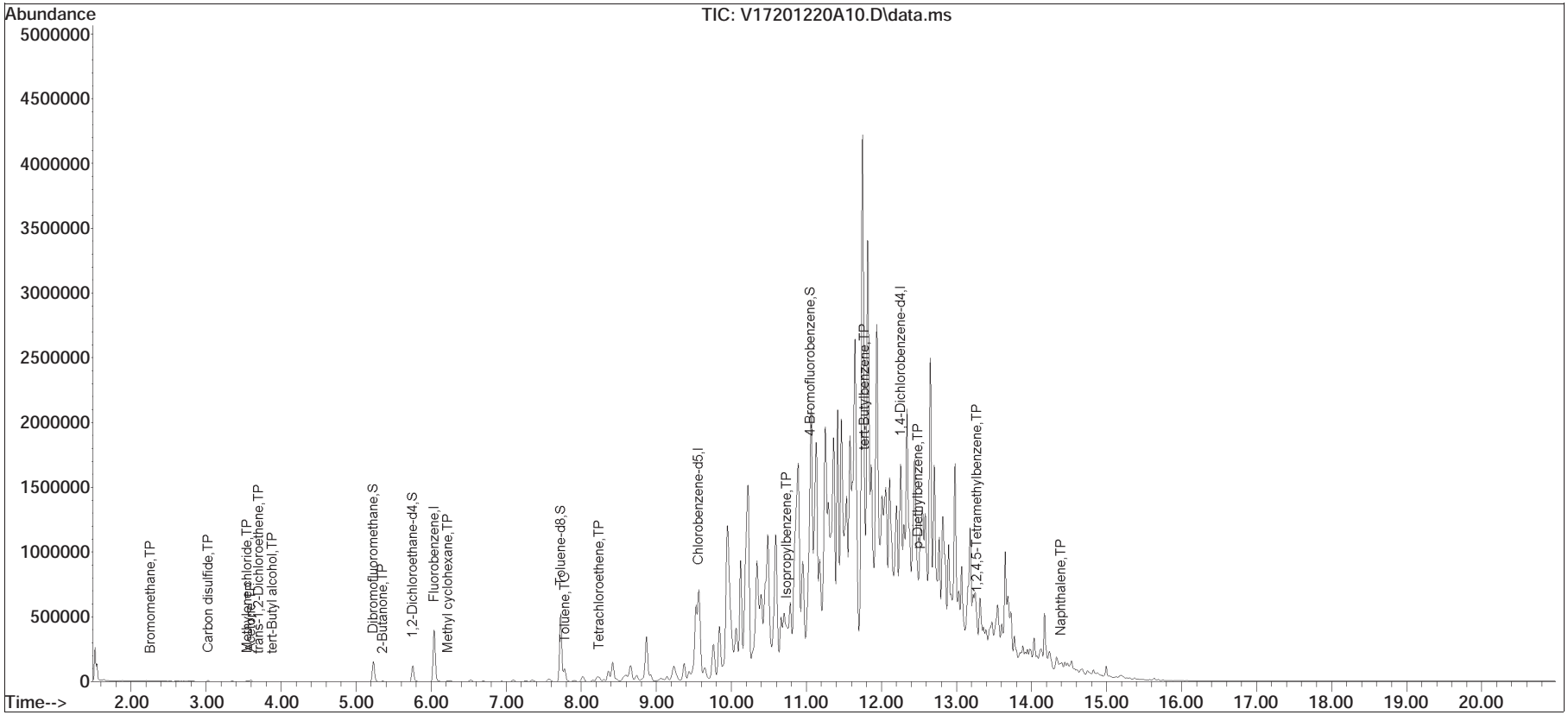


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2020\201220A\
Data File : V17201220A10.D
Acq On : 20 Dec 2020 11:59 am
Operator : VOA117:NLK
Sample : l2054538-14,31,5.05,5,,c
Misc : WG1447700,ICAL17240
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 21 11:37:20 2020
Quant Method : I:\VOLATILES\VOA117\2020\201220A\V117_201013N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Oct 14 11:26:40 2020
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox0A\V17201220A01.D•

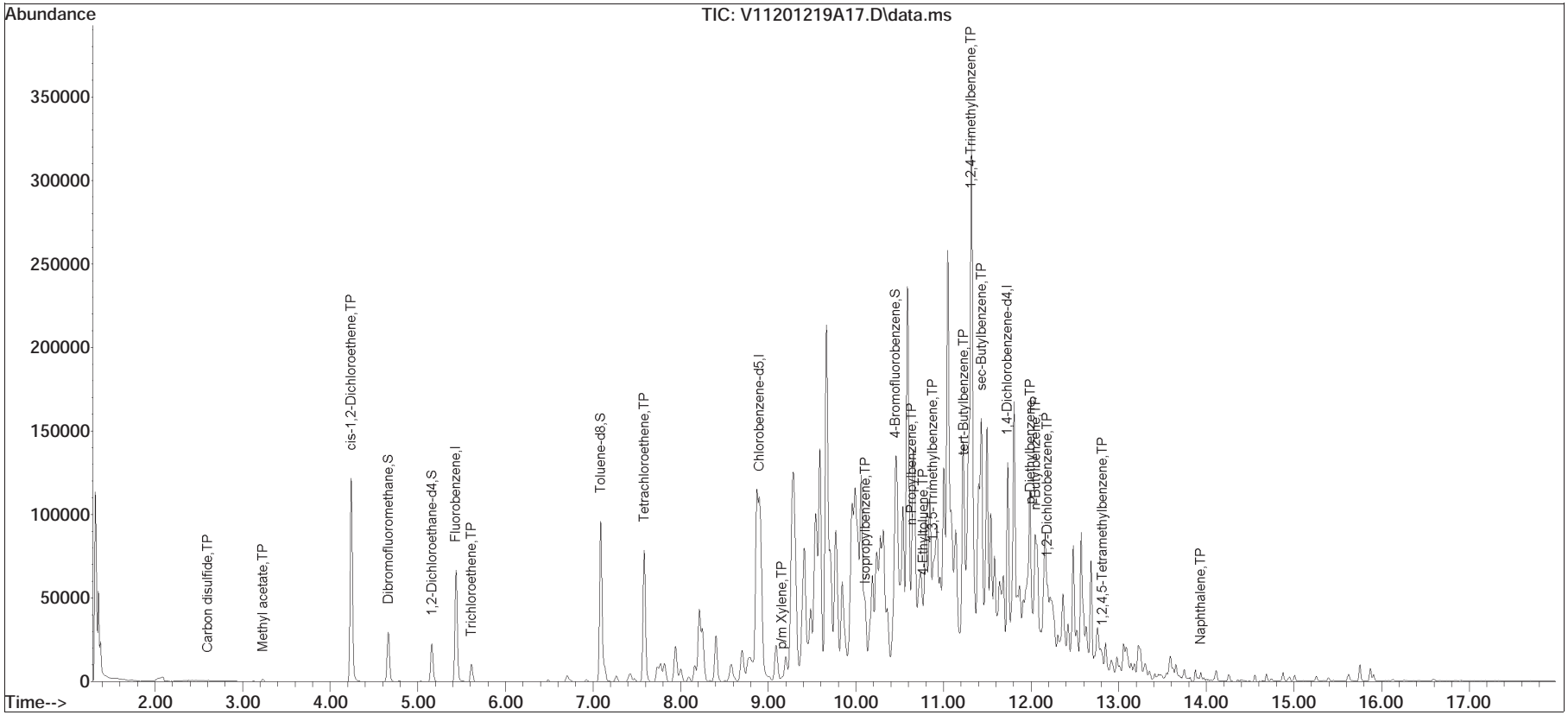


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA111\2020\201219A\
Data File : V11201219A17.D
Acq On : 19 Dec 2020 04:37 pm
Operator : VOA111:MKS
Sample : l2054538-15,31H,5.51,5,0.100,,a
Misc : WG1447429,ICAL17294
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 20 08:58:40 2020
Quant Method : I:\VOLATILES\VOA111\2020\201219A\V111_201028P_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Oct 29 12:26:02 2020
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox9A\V11201219A01.D•

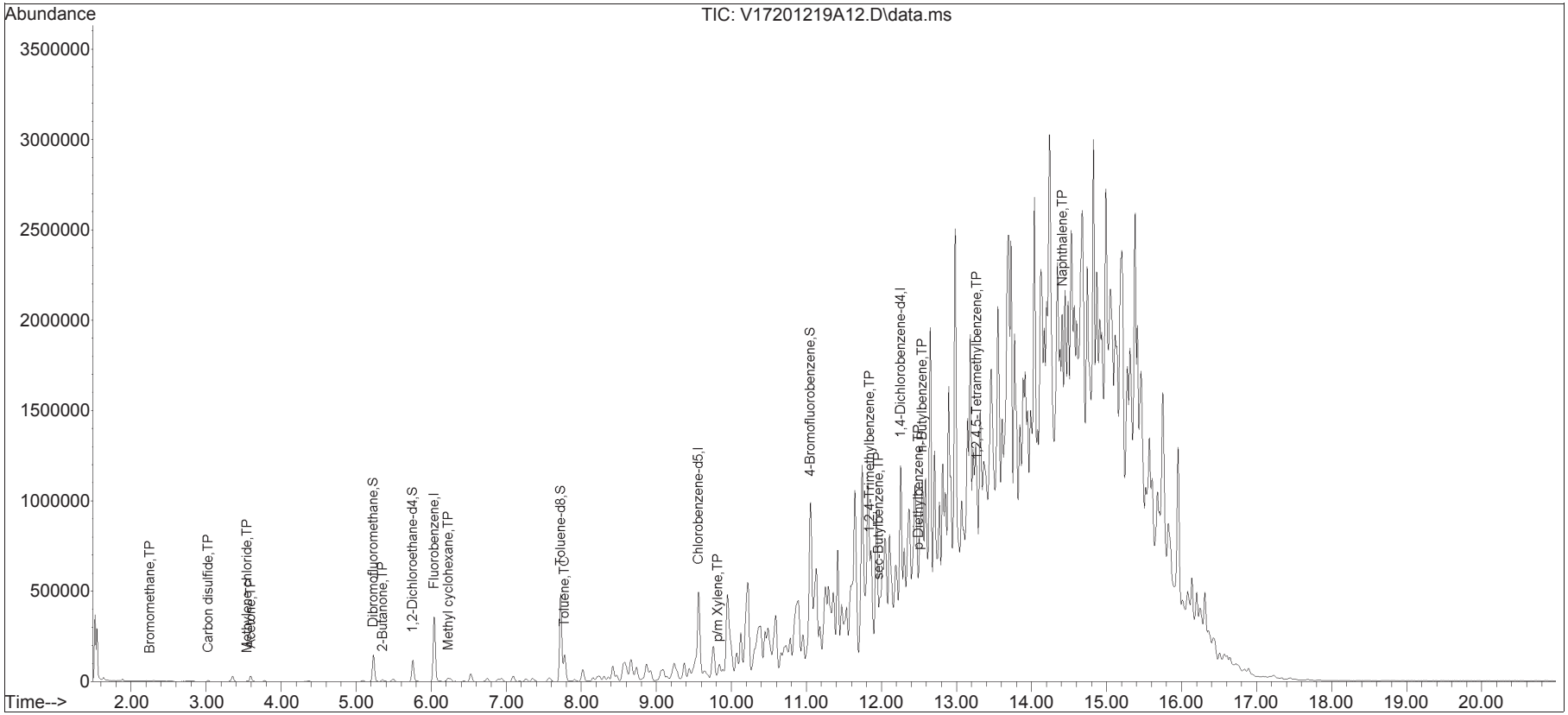


Quantitation Report (QT Reviewed)

Data Path : I:\VOLATILES\VOA117\2020\201219A\
Data File : V17201219A12.D
Acq On : 19 Dec 2020 02:56 pm
Operator : VOA117:MKS
Sample : l2054538-17,31,5.58,5,,c
Misc : WG1447392,ICAL17240
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 20 10:10:01 2020
Quant Method : I:\VOLATILES\VOA117\2020\201219A\V117_201013N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Oct 14 11:26:40 2020
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox9A\V17201219A01.D•



APPENDIX E

DUSR

ALPHA
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Geology
Hydrology
Remediation
Water Supply

September 18, 2020

Ms. Samantha Miller, P.E., CPES-IT
Section Manager
CHA
One Park Plaza
300 South State St., Suite 600
Syracuse, New York 13202-3920

Re: Data Usability Summary Report
Former Coyne Textile Facility
August 2020 Soil Sampling Events

Dear Ms. Miller:

The data usability summary report (DUSR) and data validation summaries are attached to this letter for the former Coyne Textile Facility, August 2020 soil sampling events. The data for Alpha Analytical Labs, SDG number L2033945 were acceptable with some minor issues identified in the DUSR and the validation summaries. There were no data that were qualified as either rejected, unusable (R) or estimated in the data pack.

A list of common data validation acronyms and data validation qualifiers are attached to this letter to assist you interpreting the validation summaries. If you have any questions concerning the work performed, please contact me at (518) 348-6995. Thank you for the opportunity to assist CHA.

Sincerely,
Alpha Geoscience

Donald Anné
Senior Chemist

DCA/bms
Attachments

z:\projects\2020\20600-20620\20616-former coyne textile facility\former coyne textile facility-201.ltr.docx

Data Validation Acronyms

AA	Atomic absorption, flame technique
BHC	Hexachlorocyclohexane
BFB	Bromofluorobenzene
CCB	Continuing calibration blank
CCC	Calibration check compound
CCV	Continuing calibration verification
CN	Cyanide
CRDL	Contract required detection limit
CRQL	Contract required quantitation limit
CVAA	Atomic adsorption, cold vapor technique
DCAA	2,4-Dichlophenylacetic acid
DCB	Decachlorobiphenyl
DFTPP	Decafluorotriphenyl phosphine
ECD	Electron capture detector
FAA	Atomic absorption, furnace technique
FID	Flame ionization detector
FNP	1-Fluoronaphthalene
GC	Gas chromatography
GC/MS	Gas chromatography/mass spectrometry
GPC	Gel permeation chromatography
ICB	Initial calibration blank
ICP	Inductively coupled plasma-atomic emission spectrometer
ICV	Initial calibration verification
IDL	Instrument detection limit
IS	Internal standard
LCS	Laboratory control sample
LCS/LCSD	Laboratory control sample/laboratory control sample duplicate
MSA	Method of standard additions
MS/MSD	Matrix spike/matrix spike duplicate
PID	Photo ionization detector
PCB	Polychlorinated biphenyl
PCDD	Polychlorinated dibenzodioxins
PCDF	Polychlorinated dibenzofurans
QA	Quality assurance
QC	Quality control
RF	Response factor
RPD	Relative percent difference
RRF	Relative response factor
RRF(number)	Relative response factor at concentration of the number following
RT	Retention time
RRT	Relative retention time
SDG	Sample delivery group
SPCC	System performance check compound
TCX	Tetrachloro-m-xylene
%D	Percent difference
%R	Percent recovery
%RSD	Percent relative standard deviation

Data Validation Qualifiers Used in the QA/QC Reviews for USEPA Region II

U	=	Not detected. The associated number indicates the approximate sample concentration necessary to be detected significantly greater than the level of the highest associated blank.
R	=	Unreliable result; data is rejected or unusable. Analyte may or may not be present in the sample. Supporting data or information is necessary to confirm the result.
N	=	Tentative identification. Analyte is considered present. Special methods may be needed to confirm its presence or absence during future sampling efforts.
J	=	Analyte is present. Reported value may be associated with a higher level of uncertainty than is normally expected with the analytical method.
J-	=	Analyte is present. Reported value may be biased low and associated with a higher level of uncertainty than is normally expected with the analytical method.
J+	=	Analyte is present. Reported value may be biased high andassociated with a higher level of uncertainty than is normally expected with the analytical method.
UJ	=	Not detected, quantitation limit may be inaccurate or imprecise.

Note: These qualifiers are used for data validation purposes. The data validation qualifiers may differ from the qualifiers that the laboratory assigns to the data. Refer to the laboratory analytical report for the definitions of the laboratory qualifiers.

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Data Usability Summary Report
for Alpha Analytical Labs
SDG Number: L2033945

17 Soil Samples and 1 Field Duplicate
Collected August 19-26, 2020

Prepared by: Donald Anné
September 18, 2020

The data package contained the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appeared legible and complete. The data pack contained the results of volatile and semi-volatiles analyses for 17 soil samples and 1 field duplicate.

The overall performances of the analyses are acceptable. Alpha Analytical Labs did fulfill the requirements of the analytical methods.

The data are mostly acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive volatile result for 2-butanone was qualified as "estimated, biased low" (J-) in sample SOIL-SW-300 because 2 of 2 percent recoveries for 2-butanone were below QC limits, but not below 10% the associated soil LCS/LCSD.

- The "not detected" volatile results for 2-butanone were qualified as "estimated" (UJ) in samples SOIL-B-300, SOIL-B-301, and SOIL-SW-301 because 2 of 2 percent recoveries for 2-butanone were below QC limits, but not below 10% the associated soil LCS/LCSD.

- The positive volatile results for target compounds were qualified as "estimated, biased low" (J-) and "not detected" results for target compounds were qualified "estimated" (UJ) in sample SOIL-SW-302 because 1 of 4 surrogate recoveries was below control limits, but not below 10% in the sample.

- The positive and "not detected" volatile results for target compounds were qualified as "estimated" (J or UJ respectively) in sample SOIL-B-305 (low) because 1 of 4 surrogate recoveries was below control limits, but not below 10% 1 of 4 surrogate recoveries was above control limits in the sample.

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- The positive volatile results for target compounds were qualified as "estimated, biased high" (J+) in the following samples because 1 of 4 surrogate recoveries was above control limits in the samples.

SOIL-SW-304 (low)	SOIL-B-303	SOIL-B-304	SOIL-SW-305
SOIL-SW-306	SOIL-B-306	SOIL-B-307	SOIL-B-308
SOIL-B-309	SOIL-DUP-001		

- The "not detected" semi-volatile result for hexachlorocyclopentadiene was qualified as "estimated" (UJ) in samples SOIL-SW-300 because 2 of 2 percent recoveries for hexachlorocyclopentadiene were below QC limits, but not below 10% in the associated soil LCS/LCSD.

All data are considered usable with estimated (J, J-, J+, or UJ) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

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QA/QC Review of Method 8270D Semi-Volatiles
Data for Alpha Analytical, SDG Number: L2033945

17 Soil Samples and 1 Field Duplicate
Collected August 19-26, 2020

Prepared by: Donald Anné
September 18, 2020

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The DFTPP tuning criteria were within control limits.

Initial Calibration: The average RRF for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for GCMS5 on 04-01-20. The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for JULIET on 06-12-20. The average RRF for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV103 on 08-03-20. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.010) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 08-20-20 (WG1400909-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 08-21-20 (WG1401346-3). The RRF for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimum, but not below 0.010 on 08-26-20 (WG1402979-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 08-26-20 (WG1403007-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 08-27-20 (WG1403370-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 08-27-20 (WG1403561-3). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

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The RRFs for target compounds were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (25%), as required.

Blanks: The analyses of the method blanks reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of three base/neutral surrogate recoveries for samples SOIL-SW-306, SOIL-B-307, SOIL-B-308, and SOIL-DUP-001 was above control limits. One of three acid extractable surrogate recoveries for sample SOIL-B-308 was above control limits. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is less than 10%.

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for soil samples WG1401314-2/3, WG1402944-2/3, and WG1403378-2/3.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for hexachlorocylopentadiene were below QC limits, but not below 10% for soil samples WG1400603-2/3. Positive results for phenol should be considered estimated, biased high (J+) in associated soil samples.

Field Duplicate: The analyses of soil field duplicate pair SOIL-B-307/SOIL-DUP-001 reported target compounds as either not detected or below the lowest standard in one or both samples; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compounds and surrogates were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

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QA/QC Review of Method 8260C Volatiles Data for Alpha Analytical, SDG Number: L2033945

17 Soil Samples and 1 Field Duplicate Collected August 19-26, 2020

Prepared by: Donald Anné
September 18, 2020

Holding Times: Samples were analyzed within USEPA SW-846 holding times.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: The average RRFs for acetone, 2-butanone, and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 for VOA126 on 06-04-20. The average RRFs for acetone, methyl acetate, 2-butanone, 4-methyl-2-pentanone, and 2-hexanone were below the method minimums, but not below 0.010 for VOA117 on 07-10-20. The average RRFs for acetone, 2-butanone, and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 for VOA100 on 08-13-20. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no average RRF is less than 0.010.

The average RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds) and the %RSDs were below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for methyl acetate, 2-butanone, and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 on 08-21-20 (V00200821A01). The RRFs for methyl acetate and 2-hexanone were below the method minimums, but not below 0.010 on 08-26-20 (V17200826A01). The RRFs for methyl acetate, 2-butanone, and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 on 08-26-20 (V00200826A01). The RRFs for 2-butanone and 4-methyl-2-pentanone were below the method minimums, but not below 0.010 on 08-27-20 (V26200827A01). The RRFs for methyl acetate and 2-hexanone were below the method minimums, but not below 0.010 on 08-27-20 (V17200827A01). The %Ds for trichlorofluoromethane, methyl acetate, 2-butanone, 4-methyl-2-pentanone, and 2-hexanone were above the method maximum on 08-21-20 (V00200821A01). The %D for vinyl chloride was above the method maximum on 08-26-20 (V17200826A01). The %Ds for trichlorofluoromethane, freon 113, carbon tetrachloride, 1,1,1-trichloroethane, 2-butanone, and tetrachloroethene were above the method maximum on 08-26-20 (V00200826A01). The %Ds for dichlorodifluoromethane, trichlorofluoromethane, acetone, and carbon tetrachloride were above the method maximum

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on 08-27-20 (V26200827A01). The %Ds for vinyl chloride, chloroethane, trichlorofluoromethane, and carbon disulfide were above the method maximum on 08-27-20 (V17200827A01). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration, provided no RRF is less than 0.010.

The RRFs for target compounds were above the allowable minimum (0.001 for 1,4-dioxane, 0.010 for all other compounds), as required.

The %D for 2-butanone was above the allowable maximum (25%) on 08-21-20 (V00200821A01). The %Ds for trichlorofluoromethane, freon 113, and tetrachloroethene were above the allowable maximum (25%) on 08-26-20 (V00200826A01). The %Ds for dichlorodifluoromethane, trichlorofluoromethane, acetone, and carbon tetrachloride were above the allowable maximum (25%) on 08-27-20 (V26200827A01). The %Ds for vinyl chloride and chloroethane were above the allowable maximum (25%) on 08-27-20 (V17200827A01). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG1401428-5BLANK (low) contained traces of 1,4-dichlorobenzene (0.18 ug/kg), 1,2,3-trichlorobenzene (0.74 ug/kg), and 1,2,4-trichlorobenzene (0.54 ug/kg). Method blank WG1403630-5BLANK (low) contained a trace of bromomethane (1.0 ug/kg). Method blank WG1403701-5BLANK (high) contained a trace of bromomethane (52 ug/kg). Positive results for these compounds that are less than 5 times the method blank level should be considered not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of four surrogate recoveries for the following samples was above control limits. Positive results for these samples should be considered estimated, biased high (J+).

SOIL-SW-304 (low)	SOIL-B-303	SOIL-B-304	SOIL-SW-305
SOIL-SW-306	SOIL-B-306	SOIL-B-307	SOIL-B-308
SOIL-B-309	SOIL-DUP-001		

One of four surrogate recoveries for sample SOIL-SW-302 (low) was below control limits, but not below 10%. Positive results for SOIL-SW-302 (low) should be considered estimated, biased low (J-) and "not detected" results estimated (UJ).

One of four surrogate recoveries for sample SOIL-B-305 (low) was below control limits, but not below 10% and 1 of 4 surrogate recoveries was above control limits. Positive and "not detected" results for sample SOIL-B-305 should be considered estimated (J or UJ respectively).

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries for 1,1,2-trichloroethane was above QC limits for soil MS/MSD sample SOIL-B-308. Sample SOIL-B-308 reported 1,1,2-trichloroethane as "not detected"; therefore, no action is taken.

Laboratory Control Sample: The relative percent differences (RPDs) for target compounds were below the allowable maximum and the percent recoveries (%Rs) were within QC limits for soil samples WG1403102-3/4 and WG1403667-3/4.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for tetrachloroethene were above QC limits for soil samples WG1403079-3/4. The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for dichlorodifluoromethane were above QC limits for soil samples WG1403630-3/4 and WG1403701-3/4. Positive results for tetrachloroethene and dichlorodifluoromethane should be considered estimated, biased high (J+) in associated soil samples.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for 2-butanone were below QC limits, but not below 10% for soil samples WG1401428-3/4. Positive results for 2-butanone should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Field Duplicate: The relative percent differences for isopropylbenzene and methyl cyclohexane were above the allowable maximum (35%) for soil field duplicate pair SOIL-B-307/SOIL-DUP-001 (attached table). Positive results for isopropylbenzene and methyl cyclohexane should be considered estimated (J) in samples SOIL-B-307 and SOIL-DUP-001.

Compound ID: Checked surrogates and compounds were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

The results for cyclohexane and methylcyclohexane in sample SOIL-SW-302 (low) and the result for isopropylbenzene in sample SOIL-B-305 (low) were quantitated by extrapolating data above the highest calibration standard and marked 'E' by the laboratory. The samples were re-analyzed by the laboratory at a high level; therefore, the results that are flagged as 'E' in the low level samples should be considered estimated (J). The use of the high level results for these compounds is recommended for these samples. It is recommended that the low level results be used for all other compounds.

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2033945

S1= SOIL-B-307 **S2=** SOIL-DUP-001

Analyte	S1	S2	RPD (%)	
Benzene	**58**	ND	NC	
1,4-Dichlorobenzene	**110**	**350**	NC	
Isopropylbenzene	6000	17000	96%	*
Cyclohexane	**250**	**760**	NC	
Methyl cyclohexane	4200	11000	89%	*

* RPD is above the allowable maximum 35%.

Results are in units of ug/kg.

Bold numbers were values that are below the CRQL or above the high standard.
ND - Not detected.
NC - Not calculated, both results must be within the linear range for valid RPDs to be calculated.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Matrix	: SOIL		
LCS Sample ID	: WG1400603-2 Analysis Date : 08/20/20 06:46	File ID	: 400603-2
LCSD Sample ID	: WG1400603-3 Analysis Date : 08/20/20 07:08	File ID	: 400603-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	750	58		1300	780	60		3	31-137	50
Hexachlorobenzene	1300	760	58		1300	800	62		7	40-140	50
Bis(2-chloroethyl)ether	1300	780	60		1300	770	59		2	40-140	50
2-Chloronaphthalene	1300	740	56		1300	740	57		2	40-140	50
3,3'-Dichlorobenzidine	1300	680	52		1300	700	54		4	40-140	50
2,4-Dinitrotoluene	1300	770	59		1300	810	62		5	40-132	50
2,6-Dinitrotoluene	1300	790	60		1300	810	62		3	40-140	50
Fluoranthene	1300	740	57		1300	800	62		8	40-140	50
4-Chlorophenyl phenyl ether	1300	720	55		1300	740	57		4	40-140	50
4-Bromophenyl phenyl ether	1300	720	55		1300	760	58		5	40-140	50
Bis(2-chloroisopropyl)ether	1300	1000	76		1300	1000	78		3	40-140	50
Bis(2-chloroethoxy)methane	1300	790	60		1300	790	60		0	40-117	50
Hexachlorobutadiene	1300	730	56		1300	730	56		0	40-140	50
Hexachlorocyclopentadiene	1300	380	29	Q	1300	390	30	Q	3	40-140	50
Hexachloroethane	1300	740	57		1300	750	58		2	40-140	50
Isophorone	1300	860	66		1300	870	67		2	40-140	50
Naphthalene	1300	760	58		1300	750	58		0	40-140	50
Nitrobenzene	1300	810	62		1300	800	62		0	40-140	50
NDPA/DPA	1300	760	58		1300	800	61		5	36-157	50
n-Nitrosodi-n-propylamine	1300	890	68		1300	880	68		0	32-121	50
Bis(2-ethylhexyl)phthalate	1300	830	64		1300	860	66		3	40-140	50
Butyl benzyl phthalate	1300	830	63		1300	850	65		3	40-140	50
Di-n-butylphthalate	1300	830	63		1300	870	67		6	40-140	50
Di-n-octylphthalate	1300	820	63		1300	860	66		5	40-140	50
Diethyl phthalate	1300	780	59		1300	810	62		5	40-140	50
Dimethyl phthalate	1300	760	58		1300	780	60		3	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client : CHA Companies
Lab Number : L2033945
Project Name : FORMER COYNE TEXTILE
Project Number : 59294
Matrix : SOIL
LCS Sample ID : WG1400603-2 Analysis Date : 08/20/20 06:46 File ID : 400603-2
LCSD Sample ID : WG1400603-3 Analysis Date : 08/20/20 07:08 File ID : 400603-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	1300	730	56	1300	760	58	4	40-140	50
Benzo(a)pyrene	1300	720	55	1300	760	58	5	40-140	50
Benzo(b)fluoranthene	1300	760	58	1300	810	62	7	40-140	50
Benzo(k)fluoranthene	1300	700	54	1300	710	55	2	40-140	50
Chrysene	1300	730	56	1300	770	59	5	40-140	50
Acenaphthylene	1300	840	64	1300	840	64	0	40-140	50
Anthracene	1300	780	60	1300	830	64	6	40-140	50
Benzo(ghi)perylene	1300	780	59	1300	810	62	5	40-140	50
Fluorene	1300	760	58	1300	790	60	3	40-140	50
Phenanthrene	1300	740	57	1300	790	61	7	40-140	50
Dibenzo(a,h)anthracene	1300	780	60	1300	810	62	3	40-140	50
Indeno(1,2,3-cd)pyrene	1300	750	58	1300	770	60	3	40-140	50
Pyrene	1300	760	58	1300	810	62	7	35-142	50
Biphenyl	1300	840	64	1300	820	63	2	37-127	50
4-Chloroaniline	1300	730	56	1300	720	56	0	40-140	50
2-Nitroaniline	1300	780	60	1300	800	62	3	47-134	50
3-Nitroaniline	1300	710	54	1300	730	56	4	26-129	50
4-Nitroaniline	1300	690	53	1300	740	57	7	41-125	50
Dibenzofuran	1300	750	57	1300	770	59	3	40-140	50
2-Methylnaphthalene	1300	760	58	1300	760	58	0	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	860	66	1300	850	65	2	40-117	50
Acetophenone	1300	780	59	1300	780	60	2	14-144	50
2,4,6-Trichlorophenol	1300	770	59	1300	780	60	2	30-130	50
p-Chloro-m-cresol	1300	850	65	1300	860	66	2	26-103	50
2-Chlorophenol	1300	790	61	1300	800	62	2	25-102	50
2,4-Dichlorophenol	1300	790	60	1300	820	63	5	30-130	50

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: CHA Companies
Project Name: FORMER COYNE TEXTILE

Lab Number: L2033945
Project Number: 59294
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
SOIL-SW-300 (L2033945-01)	68	67	67	62	69	56	0
SOIL-B-300 (L2033945-02)	86	86	67	86	88	83	0
SOIL-B-301 (L2033945-03)	81	79	60	76	71	69	0
SOIL-SW-301 (L2033945-04)	83	82	60	81	82	83	0
SOIL-SW-302 (L2033945-05)	87	92	83	82	91	93	0
SOIL-SW-303 (L2033945-06)	91	90	81	81	84	85	0
SOIL-SW-304 (L2033945-07)	96	94	87	82	90	72	0
SOIL-B-302 (L2033945-08)	86	84	78	75	79	74	0
SOIL-B-303 (L2033945-09)	84	84	90	80	103	79	0
SOIL-B-304 (L2033945-10)	79	80	84	63	97	54	0
SOIL-SW-305 (L2033945-11)	71	71	74	66	64	50	0
SOIL-SW-306 (L2033945-12D)	77	73	289*	65	67	50	1
SOIL-B-305 (L2033945-13)	73	74	76	71	68	53	0
SOIL-B-306 (L2033945-14)	71	72	75	72	63	51	0
SOIL-B-307 (L2033945-15)	71	77	139*	79	80	69	1
SOIL-B-308 (L2033945-16D)	85	126*	380*	80	59	63	2
SOIL-DUP-001 (L2033945-17D)	72	70	134*	69	60	52	1
SOIL-B-309 (L2033945-18)	73	70	87	71	82	62	0
WG1400603-1BLANK	72	73	73	67	71	67	0
WG1400603-2LCS	63	68	68	58	64	58	0
WG1400603-3LCSD	67	66	68	60	69	62	0
WG1401314-1BLANK	92	91	98	86	71	79	0
WG1401314-2LCS	77	81	87	73	66	66	0
WG1401314-3LCSD	82	86	92	75	67	69	0
WG1402944-1BLANK	80	78	69	75	78	85	0
WG1402944-2LCS	82	84	81	78	80	81	0
WG1402944-3LCSD	73	76	73	69	72	67	0
WG1403378-1BLANK	77	78	77	80	71	75	0

QC LIMITS

(25-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(30-120) FBP = 2-FLUOROBIPHENYL
(10-136) TBP = 2,4,6-TRIBROMOPHENOL
(18-120) TPH = 4-TERPHENYL-D14

* Values outside of QC limits

FORM II NYTCL-8270

Initial Calibration Summary
Form 6
Semivolatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **GCMS5**	**Ical Ref**	: **ICAL16639**
Calibration dates	: **04/01/20 22:40 04/02/20 10:43**		

Calibration Files
1.0 =AP9L1.d 2.0 =ABNL2.d 3.0 =AP9L3.d 5.0 =AP9L4.d 10 =AP9L5.d 20 =AP9L6.d 50 =AP9L6.d
100 =AP9L8.d 150 =AP9L9.d 200 =AP9L10.d

		Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	t	n-Nitrosodimet	0.581	0.560	0.711	0.700	0.714	0.736	0.723	0.743	0.760	0.826	0.705	11.28
3)	t	Pyridine	1.065	1.022	1.281	1.166	1.193	1.309	1.316	1.295	1.314	1.429	1.239	10.14
4)	S	2-Fluorophenol	0.903	1.026	0.994	1.111	1.086	1.133	1.161	1.186	1.221	1.196	1.102	9.18
5)	T	Aniline	1.669	1.673	1.736	1.818	1.790	1.857	1.806	1.864	1.843	1.814	1.787	3.98
6)	t	2-Chlorophenol	1.223	1.105	1.331	1.278	1.277	1.332	1.311	1.323	1.326	1.310	1.282	5.52
7)	S	Phenol-d6	1.286	1.313	1.349	1.330	1.346	1.388	1.369	1.430	1.433	1.415	1.366	3.68
8)	T	Phenol	1.506	1.643	1.542	1.650	1.609	1.673	1.665	1.711	1.708	1.682	1.639	4.15
9)	T	Bis(2-chloroet	1.030	1.107	1.049	1.057	1.063	1.072	1.053	1.044	1.050	1.021	1.055	2.25
10)	T	1,3-Dichlorobe	1.334	1.521	1.555	1.456	1.526	1.523	1.514	1.538	1.522	1.495	1.498	4.25
11)	T	1,4-Dichlorobe	1.627	1.516	1.568	1.534	1.505	1.593	1.547	1.545	1.547	1.518	1.550	2.41
12)	T	1,2-Dichlorobe		1.519	1.471	1.505	1.512	1.562	1.475	1.485	1.474	1.426	1.492	2.56
13)	t	Benzyl alcohol	0.810	0.869	0.915	0.910	0.917	0.949	0.964	0.995	0.980	0.972	0.928	6.12
14)	T	Bis(2-chlorois	1.986	1.855	2.168	2.021	1.964	2.055	1.944	1.979	1.931	1.871	1.977	4.59
15)	T	2-Methylphenol	1.027	1.048	1.064	1.026	1.080	1.161	1.122	1.149	1.132	1.147	1.095	4.79
16)	T	Hexachloroethane	0.650	0.622	0.566	0.599	0.611	0.618	0.587	0.588	0.592	0.594	0.603	3.87
17)	T	n-Nitrosodi-n-	0.700	0.752	0.792	0.845	0.796	0.896	0.841	0.861	0.861	0.850	0.819	7.21
18)	T	3-Methylphenol	1.169	1.105	1.180	1.133	1.168	1.235	1.181	1.198	1.211	1.193	1.177	3.16
19)	S	Nitrobenzene-d5	1.210	1.153	1.183	1.161	1.231	1.299	1.263	1.304	1.279	1.269	1.235	4.53
20)	T	Nitrobenzene	1.283	1.225	1.159	1.177	1.249	1.329	1.256	1.274	1.256	1.256	1.247	3.97
21)	T	Isophorone	2.051	2.052	2.035	2.087	2.141	2.325	2.253	2.204	2.240	2.236	2.162	4.75
22)	T	2-Nitrophenol				0.671	0.674	0.731	0.725	0.716	0.748	0.734	0.714	4.18
23)	T	2,4-Dimethylph	0.952	1.131	1.095	1.249	1.158	1.209	1.155	1.154	1.204	1.184	1.149	7.12
24)	T	Bis(2-chloroet	1.353	1.477	1.411	1.433	1.445	1.501	1.371	1.378	1.396	1.385	1.415	3.41
25)	T	2,4-Dichloroph	1.140	1.131	1.127	1.214	1.236	1.296	1.224	1.222	1.266	1.244	1.210	4.83
26)	T	1,2,4-Trichlor	1.560	1.459	1.389	1.426	1.411	1.499	1.361	1.366	1.404	1.376	1.425	4.48
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde		0.953	1.062	1.068	1.065	1.044	1.045	1.060	1.030	1.026	1.039	3.43
29)	T	Acetophenone		1.690	1.592	1.740	1.787	1.758	1.767	1.763	1.699	1.679	1.720	3.55
30)	T	m-Toluidine		1.672	1.728	1.802	1.863	1.795	1.834	1.824	1.738	1.717	1.775	3.57
31)	T	2-Chloroaniline		1.502	1.683	1.700	1.711	1.673	1.655	1.643	1.577	1.571	1.635	4.30
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)	T	1,4-Dioxane	0.439	0.496	0.496	0.491	0.460	0.508	0.477	0.492	0.459	0.471	0.479	4.49
34)	T	n-Decane	1.264	1.219	1.219	1.347	1.357	1.472	1.395	1.263	1.181	1.328	1.305	6.98
35)	I	IS1_Naphthalene-d8	----------ISTD----------										
36)	T	Naphthalene		1.035	1.054	1.017	1.051	1.036	1.031	1.025	0.985	0.961	1.022	2.99

Initial Calibration Summary
Form 6
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2033945
Project Name	: FORMER COYNE TEXTILE	**Project Number**	: 59294
Instrument ID	: GCMS5	**Ical Ref**	: ICAL16639
Calibration dates	: 04/01/20 22:40 04/02/20 10:43		

Calibration Files
1.0 =AP9L1.d 2.0 =ABNL2.d 3.0 =AP9L3.d 5.0 =AP9L4.d 10 =AP9L5.d 20 =AP9L6.d 50 =AP9L6.d
100 =AP9L8.d 150 =AP9L9.d 200 =AP9L10.d

		Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	
37)	T	Benzoic Acid					0.129	0.177	0.255	0.280	0.293	0.286	*L	0.99
91)														
38)	T	4-Chloroaniline	0.120	0.123	0.132	0.120	0.128	0.125	0.129	0.130	0.131	0.127	0.126	3.36
39)	T	Hexachlorobuta	0.206	0.206	0.216	0.199	0.225	0.221	0.224	0.228	0.229	0.222	0.218	4.77
40)	T	p-Chloro-m-cresol	0.245	0.271	0.263	0.281	0.313	0.288	0.314	0.325	0.319	0.320	0.294	9.59
41)	T	2-Methylnaphth	0.697	0.709	0.726	0.728	0.746	0.727	0.734	0.754	0.728	0.715	0.726	2.30
42)	T	1-Methylnaphth	0.246	0.192	0.238	0.220	0.237	0.229	0.233	0.239	0.238	0.239	0.231	6.59
43)	T	Hexachlorocycl				0.270	0.296	0.290	0.306	0.321	0.322	0.319	0.304	6.41
44)	T	2,4,6-Trichlor		0.222	0.233	0.233	0.270	0.260	0.270	0.275	0.272	0.280	0.257	8.47
45)	T	2,4,5-Trichlor		0.292	0.247	0.262	0.282	0.275	0.292	0.299	0.297	0.291	0.282	6.25
46)	S	2-Fluorobiphenyl	0.773	0.803	0.795	0.792	0.815	0.788	0.805	0.805	0.781	0.776	0.793	1.75
47)	T	2-Chloronaphth	0.728	0.747	0.736	0.735	0.766	0.737	0.747	0.752	0.727	0.733	0.741	1.64
48)	T	2-Nitroaniline				0.223	0.243	0.228	0.254	0.263	0.260	0.264	0.248	6.81
49)	T	1,4-Dinitroben				0.093	0.099	0.097	0.112	0.113	0.116	0.116	0.107	9.10
50)	T	1,3-Dinitroben				0.105	0.116	0.112	0.121	0.126	0.128	0.128	0.120	7.44
51)	T	Dimethyl phtha		0.854	0.861	0.845	0.861	0.852	0.865	0.870	0.852	0.853	0.857	0.91
52)	T	Acenaphthylene	1.108	1.084	1.117	1.124	1.190	1.127	1.156	1.127	1.114	1.106	1.125	2.60
53)	T	2,6-Dinitrotol		0.153	0.171	0.173	0.187	0.189	0.194	0.196	0.196	0.201	0.184	8.57
54)	T	1,2-Dinitroben				0.074	0.072	0.073	0.074	0.073	0.074	0.075	0.074	1.24
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol		0.323	0.301	0.321	0.307	0.315	0.331	0.320	0.309	0.304	0.315	3.18
57)	T	3-Chloroaniline		0.138	0.134	0.154	0.149	0.150	0.150	0.145	0.144	0.144	0.145	4.27
58)	T	2,6-Dichlorophenol		0.256	0.287	0.307	0.304	0.312	0.321	0.322	0.315	0.319	0.305	6.98
59)	T	1-chloro-2-nitrobenzene		0.146	0.134	0.129	0.141	0.146	0.146	0.143	0.142	0.146	0.141	4.34
60)	T	Caprolactam				0.155	0.176	0.185	0.195	0.194	0.192	0.191	0.184	7.83
61)	T	1,2,4,5-Tetrachloroben...		0.346	0.333	0.374	0.360	0.351	0.365	0.363	0.361	0.367	0.358	3.47
62)	T	Biphenyl		0.789	0.777	0.865	0.847	0.835	0.845	0.806	0.783	0.780	0.814	4.18
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline			0.342	0.337	0.369	0.361	0.378	0.379	0.372	0.377	0.364	4.54
65)	T	Acenaphthene	1.128	1.083	1.210	1.162	1.194	1.110	1.128	1.141	1.109	1.110	1.138	3.53
66)	T	2,4-Dinitrophenol				0.095	0.170	0.196	0.232	0.244	0.239	0.249	*L	0.99
95)														
67)	T	Dibenzofuran		1.744	1.794	1.786	1.844	1.780	1.779	1.796	1.693	1.684	1.766	2.90
68)	T	2,4-Dinitrotol		0.321	0.388	0.413	0.450	0.422	0.450	0.460	0.453	0.458	0.424	10.78
69)	T	4-Nitrophenol			0.231	0.246	0.271	0.265	0.280	0.285	0.273	0.280	0.266	7.01
70)	T	2,3,5,6-Tetrac		0.357	0.387	0.377	0.437	0.438	0.458	0.469	0.454	0.464	0.427	9.82

Initial Calibration Summary
Form 6
Semivolatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **GCMS5**	**Ical Ref**	: **ICAL16639**
Calibration dates	: **04/01/20 22:40 04/02/20 10:43**		

Calibration Files
1.0 =AP9L1.d 2.0 =ABNL2.d 3.0 =AP9L3.d 5.0 =AP9L4.d 10 =AP9L5.d 20 =AP9L6.d 50 =AP9L6.d
100 =AP9L8.d 150 =AP9L9.d 200 =AP9L10.d

		Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	
71)	T	2,3,4,6-Tetrachlorophenol		0.395	0.388	0.407	0.441	0.436	0.461	0.467	0.452	0.455	0.433	6.80
72)	T	Diethyl phthalate	1.341	1.319	1.378	1.417	1.492	1.460	1.489	1.500	1.442	1.459	1.430	4.50
73)	T	Fluorene	1.289	1.353	1.413	1.356	1.447	1.389	1.427	1.462	1.386	1.406	1.393	3.65
74)	T	4-Chlorophenyl	0.584	0.682	0.673	0.658	0.695	0.658	0.678	0.693	0.673	0.679	0.667	4.78
75)	T	4-Nitroaniline			0.311	0.347	0.384	0.389	0.396	0.406	0.393	0.378	0.376	8.36
76)	T	4,6-Dinitro-o-				0.194	0.220	0.247	0.286	0.300	0.296	0.309	0.265	16.88
77)	T	NDPA/DPA	1.136	1.093	1.087	1.114	1.210	1.178	1.187	1.198	1.142	1.164	1.151	3.76
78)	T	Azobenzene	1.173	1.259	1.207	1.257	1.351	1.278	1.294	1.311	1.233	1.234	1.260	4.11
79)	S	2,4,6-Tribromo		0.190	0.212	0.223	0.239	0.231	0.265	0.277	0.270	0.281	0.243	13.09
80)	T	4-Bromophenyl	0.354	0.428	0.395	0.413	0.445	0.437	0.443	0.456	0.454	0.463	0.429	7.78
81)	T	Hexachlorobenzene	0.505	0.474	0.459	0.459	0.477	0.502	0.515	0.543	0.537	0.542	0.501	6.56
82)	T	Pentachlorophenol			0.211	0.238	0.307	0.306	0.359	0.381	0.381	0.394	*L	0.99
88)														
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran				0.145	0.153	0.173	0.209	0.207	0.213	0.228	0.190	17.19
85)	T	Pentachloronitrobenzene				0.159	0.173	0.185	0.190	0.198	0.194	0.212	0.187	9.21
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine			0.277	0.290	0.303	0.331	0.338	0.349	0.326	0.361	0.322	9.09
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.103	1.085	1.054	1.063	1.097	1.076	1.078	1.055	1.029	0.996	1.064	3.04
90)	T	Anthracene	1.038	1.024	1.018	1.022	1.101	1.075	1.105	1.093	1.046	1.014	1.054	3.46
91)	T	Carbazole	0.930	1.004	0.970	0.988	1.046	1.022	1.039	1.022	0.984	0.967	0.997	3.64
92)	T	Di-n-butylphth		1.101	1.056	1.083	1.203	1.219	1.240	1.233	1.205	1.148	1.165	6.01
93)	T	Fluoranthene	1.210	1.260	1.240	1.274	1.355	1.332	1.344	1.325	1.293	1.232	1.287	3.97
94)	T	Benzidine			0.708	0.732	0.820	0.868	0.903	0.887	0.894	0.868	0.835	9.03
95)	T	Pyrene	1.293	1.347	1.307	1.338	1.398	1.384	1.354	1.320	1.304	1.269	1.331	3.06
96)	S	4-Terphenyl-d14	0.746	0.802	0.800	0.806	0.833	0.858	0.899	0.884	0.883	0.873	0.838	5.85
97)	T	Butyl benzyl p				0.478	0.535	0.559	0.599	0.606	0.608	0.588	0.568	8.41
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid				0.444	0.448	0.468	0.501	0.505	0.503	0.506	0.482	5.85
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane		0.389	0.390	0.412	0.442	0.467	0.444	0.462	0.407	0.432	0.427	6.82
102)	T	Parathion				0.077	0.085	0.104	0.132	0.138	0.146	0.149	*L	0.99
77)														
103)	T	3,3'-Dimethylb				0.576	0.584	0.663	0.811	0.741	0.816	0.814	0.715	15.00
104)	I	IS1_Chrysene-d12	----------ISTD----------											

Initial Calibration Summary
Form 6
Semivolatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **GCMS5**	**Ical Ref**	: **ICAL16639**
Calibration dates	: **04/01/20 22:40 04/02/20 10:43**		

Calibration Files
1.0 =AP9L1.d 2.0 =ABNL2.d 3.0 =AP9L3.d 5.0 =AP9L4.d 10 =AP9L5.d 20 =AP9L6.d 50 =AP9L6.d
100 =AP9L8.d 150 =AP9L9.d 200 =AP9L10.d

		Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	
105)	T	Benzo(a)anthra	1.332	1.252	1.234	1.239	1.289	1.237	1.288	1.257	1.259	1.206	1.259	2.82
106)	T	3,3'-Dichlorob		0.393	0.408	0.432	0.473	0.482	0.515	0.533	0.532	0.519	0.477	11.34
107)	T	Chrysene	1.267	1.202	1.216	1.209	1.265	1.246	1.216	1.201	1.141	1.123	1.209	3.90
108)	T	Bis(2-ethylhex		0.639	0.667	0.715	0.802	0.812	0.824	0.810	0.795	0.762	0.759	9.03
109)	T	Di-n-octylphth				1.163	1.345	1.404	1.473	1.475	1.433	1.368	1.380	7.81
110)	T	Benzo(b)fluora	1.249	1.227	1.287	1.270	1.289	1.398	1.503	1.488	1.375	1.397	1.348	7.29
111)	T	Benzo(k)fluora	1.190	1.163	1.178	1.205	1.244	1.173	1.160	1.133	1.193	1.123	1.176	2.99
112)	T	Benzo(a)pyrene		1.098	1.127	1.132	1.221	1.239	1.269	1.237	1.239	1.221	1.198	5.14
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-c		1.044	1.003	1.109	1.163	1.181	1.257	1.296	1.356	1.284	1.188	10.11
115)	T	Dibenzo(a,h)an	0.879	0.981	0.970	0.976	1.044	1.109	1.138	1.139	1.143	1.111	1.049	8.83
116)	T	Benzo(ghi)pery	1.113	1.084	1.111	1.109	1.146	1.194	1.226	1.222	1.232	1.201	1.164	4.90

Initial Calibration Summary
Form 6
Semivolatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **JULIET**	**Ical Ref**	: **ICAL16885**
Calibration dates	: **06/12/20 13:49 06/13/20 03:28**		

Calibration Files

1.0 =AP9L1.D 2.0 =ABNL2a.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10a.D

		Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.602	0.655	0.660	0.649	0.694	0.681	0.706	0.712	0.714	0.740	0.681	5.95
3)	t	Pyridine	0.962	1.232	1.149	1.097	1.165	1.196	1.254	1.242	1.209	1.292	1.180	8.05
4)	S	2-Fluorophenol	1.057	0.987	1.097	1.062	1.110	1.102	1.167	1.152	1.158	1.201	1.109	5.70
5)	T	Aniline	1.811	1.896	1.830	1.821	1.857	1.833	1.933	1.934	1.918	1.967	1.880	2.99
6)	t	2-Chlorophenol	1.285	1.332	1.270	1.345	1.324	1.340	1.407	1.392	1.392	1.409	1.350	3.66
7)	S	Phenol-d6	1.287	1.257	1.336	1.379	1.322	1.359	1.456	1.469	1.463	1.500	1.383	6.12
8)	T	Phenol	1.506	1.478	1.581	1.568	1.593	1.592	1.689	1.700	1.692	1.720	1.612	5.26
9)	T	bis(2-Chloroethyl)ether	1.101	1.029	0.991	1.068	1.092	1.088	1.126	1.118	1.104	1.113	1.083	3.93
10)	T	1,3-Dichlorobenzene	1.649	1.449	1.543	1.562	1.501	1.489	1.570	1.513	1.504	1.527	1.531	3.58
11)	T	1,4-Dichlorobenzene	1.593	1.445	1.677	1.521	1.471	1.518	1.596	1.538	1.512	1.550	1.542	4.32
12)	T	1,2-Dichlorobenzene	1.415	1.471	1.498	1.491	1.464	1.459	1.502	1.473	1.443	1.461	1.468	1.78
13)	t	Benzyl alcohol	0.835	0.800	0.901	0.935	0.934	0.994	1.050	1.044	1.034	1.026	0.955	9.36
14)	T	bis(2-chloroisopropyl)ether	2.336	2.522	2.406	2.403	2.397	2.399	2.486	2.416	2.351	2.305	2.402	2.71
15)	T	2-Methylphenol	1.094	1.093	1.131	1.145	1.160	1.165	1.221	1.196	1.185	1.184	1.157	3.65
16)	T	Hexachloroethane	0.508	0.531	0.452	0.523	0.512	0.532	0.559	0.539	0.530	0.537	0.522	5.47
17)	T	n-Nitrosodi-n-propylamine	0.860	0.842	0.892	0.870	0.872	0.887	0.943	0.925	0.915	0.902	0.891	3.52
18)	T	3-Methylphenol/4-Methylphenol	1.070	1.104	1.182	1.192	1.236	1.246	1.324	1.270	1.248	1.250	1.212	6.35
19)	S	Nitrobenzene-d5	1.064	1.179	1.222	1.163	1.242	1.280	1.319	1.303	1.277	1.268	1.232	6.30
20)	T	Nitrobenzene	1.263	1.275	1.206	1.254	1.211	1.288	1.334	1.300	1.273	1.249	1.265	3.06
21)	T	Isophorone	2.130	2.266	2.231	2.332	2.310	2.370	2.445	2.415	2.355	2.294	2.315	3.97
22)	T	2-Nitrophenol	0.627	0.663	0.615	0.691	0.710	0.742	0.789	0.790	0.767	0.759	0.715	9.02
23)	T	2,4-Dimethylphenol		1.133	1.139	1.167	1.146	1.159	1.247	1.237	1.200	1.212	1.182	3.63
24)	T	bis(2-Chloroethoxy)methane	1.326	1.398	1.456	1.478	1.493	1.474	1.587	1.517	1.478	1.430	1.464	4.77
25)	T	2,4-Dichlorophenol	0.999	1.061	1.135	1.122	1.201	1.199	1.273	1.227	1.205	1.188	1.161	7.08
26)	T	1,2,4-Trichlorobenzene	1.192	1.255	1.301	1.313	1.328	1.321	1.379	1.336	1.312	1.290	1.303	3.87
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde		0.982	1.059	1.090	1.062	1.104	1.138	1.166	1.128	1.160	1.099	5.32
29)	T	Acetophenone		1.745	1.773	1.841	1.837	1.966	1.976	1.981	1.927	1.965	1.890	4.89
30)	T	m-Toluidine		1.673	1.790	1.825	1.790	1.915	1.975	1.992	1.931	1.964	1.873	5.78
31)	T	2-Chloroaniline		1.633	1.708	1.671	1.652	1.817	1.855	1.857	1.817	1.841	1.761	5.31
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.539	0.390	0.422	0.447	0.423	0.420	0.418	0.496	0.407	0.411	0.437	10.49
34)	T	n-Decane		1.643	1.741	1.679	1.632	1.642	1.692	1.934	1.615	1.604	1.687	6.04
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.012	1.037	0.995	1.001	1.001	0.982	1.028	0.980	0.966	0.990	0.999	2.18

Initial Calibration Summary
Form 6
Semivolatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **JULIET**	**Ical Ref**	: **ICAL16885**
Calibration dates	: **06/12/20 13:49 06/13/20 03:28**		

Calibration Files

1.0 =AP9L1.D 2.0 =ABNL2a.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10a.D

	Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
37) T	Benzoic Acid				0.217	0.236	0.250	0.276	0.278	0.277	0.279	0.259	9.68
38) T	4-Chloroaniline	0.112	0.116	0.104	0.111	0.118	0.114	0.122	0.120	0.119	0.119	0.115	4.60
39) T	Hexachlorobutadiene	0.196	0.190	0.164	0.176	0.185	0.177	0.190	0.181	0.179	0.181	0.182	4.97
40) T	p-Chloro-m-cresol	0.265	0.273	0.264	0.274	0.279	0.279	0.296	0.287	0.283	0.288	0.279	3.66
41) T	2-Methylnaphthalene	0.711	0.664	0.656	0.727	0.690	0.692	0.724	0.704	0.705	0.707	0.698	3.33
42) T	1-Methylnaphthalene	0.214	0.194	0.201	0.219	0.216	0.209	0.217	0.211	0.208	0.210	0.210	3.65
43) T	Hexachlorocyclopentadiene		0.183	0.203	0.209	0.216	0.213	0.249	0.248	0.248	0.251	0.224	11.16
44) T	2,4,6-Trichlorophenol	0.231	0.237	0.222	0.229	0.223	0.231	0.238	0.231	0.241	0.233	0.232	2.73
45) T	2,4,5-Trichlorophenol	0.252	0.227	0.232	0.249	0.243	0.253	0.262	0.251	0.248	0.249	0.246	4.21
46) S	2-Fluorobiphenyl	0.779	0.761	0.736	0.741	0.746	0.750	0.769	0.735	0.728	0.736	0.748	2.23
47) T	2-Chloronaphthalene	0.657	0.684	0.628	0.670	0.697	0.685	0.709	0.684	0.683	0.680	0.678	3.30
48) T	2-Nitroaniline		0.200	0.206	0.226	0.225	0.230	0.244	0.237	0.234	0.233	0.226	6.35
49) T	1,4-Dinitrobenzene		0.077	0.088	0.099	0.095	0.101	0.109	0.106	0.103	0.106	0.098	10.24
50) T	1,3-Dinitrobenzene		0.107	0.107	0.109	0.109	0.114	0.120	0.116	0.115	0.114	0.112	4.16
51) T	Dimethyl phthalate	0.800	0.818	0.775	0.838	0.808	0.800	0.837	0.802	0.801	0.776	0.805	2.64
52) T	Acenaphthylene	1.041	1.060	1.016	1.093	1.090	1.084	1.119	1.058	1.053	1.054	1.067	2.78
53) T	2,6-Dinitrotoluene	0.145	0.176	0.163	0.173	0.171	0.174	0.185	0.175	0.174	0.171	0.171	6.18
54) T	1,2-Dinitrobenzene	0.049	0.058	0.070	0.072	0.071	0.069	0.074	0.070	0.069	0.069	0.067	11.41
55) I	IS2_Naphthalene-d8	----------ISTD----------											
56) T	a-Terpineol		0.321	0.307	0.306	0.334	0.330	0.343	0.355	0.330	0.340	0.330	4.95
57) T	3-Chloroaniline		0.119	0.134	0.139	0.137	0.142	0.145	0.148	0.141	0.143	0.139	6.03
58) T	2,6-Dichlorophenol		0.267	0.281	0.287	0.296	0.302	0.319	0.322	0.306	0.309	0.299	6.00
59) T	1-chloro-2-nitrobenzene		0.127	0.126	0.134	0.140	0.134	0.143	0.147	0.139	0.143	0.137	5.35
60) T	Caprolactam			0.192	0.205	0.199	0.203	0.208	0.212	0.198	0.206	0.203	3.02
61) T	1,2,4,5-Tetrachlorobenzene		0.316	0.340	0.352	0.356	0.349	0.361	0.376	0.352	0.364	0.352	4.78
62) T	Biphenyl		0.792	0.844	0.870	0.882	0.878	0.905	0.927	0.858	0.883	0.871	4.41
63) I	IS1_Acenaphthene-d10	----------ISTD----------											
64) T	3-Nitroaniline		0.307	0.347	0.354	0.372	0.374	0.389	0.377	0.372	0.377	0.363	6.73
65) T	Acenaphthene	1.187	1.260	1.206	1.192	1.164	1.147	1.197	1.123	1.112	1.132	1.172	3.87
66) T	2,4-Dinitrophenol				0.175	0.189	0.215	0.248	0.240	0.243	0.244	0.222	13.26
67) T	Dibenzofuran	1.933	1.788	1.779	1.859	1.816	1.747	1.858	1.728	1.708	1.740	1.795	3.95
68) T	2,4-Dinitrotoluene	0.406	0.434	0.411	0.454	0.438	0.438	0.471	0.447	0.443	0.448	0.439	4.35
69) T	4-Nitrophenol	0.237	0.261	0.255	0.265	0.269	0.272	0.293	0.278	0.277	0.280	0.269	5.73
70) T	2,3,5,6-Tetrachlorophenol	0.346	0.364	0.374	0.389	0.378	0.387	0.426	0.404	0.402	0.407	0.388	6.01
71) T	2,3,4,6-Tetrachlorophenol	0.302	0.355	0.393	0.382	0.392	0.388	0.422	0.398	0.394	0.401	0.383	8.64
72) T	Diethyl phthalate	1.597	1.579	1.484	1.587	1.527	1.511	1.581	1.489	1.489	1.471	1.531	3.24

Initial Calibration Summary
Form 6
Semivolatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **JULIET**	**Ical Ref**	: **ICAL16885**
Calibration dates	: **06/12/20 13:49 06/13/20 03:28**		

Calibration Files
1.0 =AP9L1.D 2.0 =ABNL2a.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10a.D

		Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
73)	T	Fluorene	1.423	1.474	1.434	1.479	1.458	1.408	1.494	1.445	1.430	1.469	1.451	1.92
74)	T	4-Chlorophenyl-phenylether	0.731	0.718	0.692	0.700	0.693	0.671	0.711	0.682	0.673	0.677	0.695	2.90
75)	T	4-Nitroaniline		0.346	0.351	0.396	0.376	0.394	0.418	0.391	0.386	0.396	0.384	5.96
76)	T	4,6-Dinitro-o-cresol			0.214	0.261	0.283	0.284	0.311	0.304	0.305	0.305	0.283	11.47
77)	T	NDPA/DPA	1.298	1.285	1.230	1.304	1.293	1.257	1.337	1.249	1.244	1.257	1.275	2.60
78)	T	Azobenzene	1.297	1.268	1.179	1.283	1.240	1.196	1.273	1.189	1.181	1.195	1.230	3.80
79)	S	2,4,6-Tribromophenol	0.221	0.195	0.204	0.212	0.213	0.211	0.220	0.217	0.218	0.220	0.213	3.82
80)	T	4-Bromophenyl-phenylether	0.472	0.458	0.433	0.432	0.458	0.426	0.443	0.432	0.432	0.437	0.442	3.45
81)	T	Hexachlorobenzene	0.476	0.435	0.503	0.485	0.477	0.467	0.489	0.478	0.476	0.477	0.476	3.65
82)	T	Pentachlorophenol		0.264	0.281	0.278	0.287	0.299	0.337	0.328	0.331	0.333	0.304	9.21
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran				0.193	0.209	0.215	0.228	0.240	0.235	0.241	0.223	8.10
85)	T	Pentachloronitrobenzene				0.188	0.177	0.184	0.193	0.206	0.193	0.200	0.192	5.11
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine		0.403	0.391	0.382	0.393	0.403	0.444	0.493	0.412	0.412	0.415	8.27
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.196	1.139	1.083	1.161	1.106	1.074	1.105	1.058	1.052	1.068	1.104	4.32
90)	T	Anthracene	1.166	1.075	1.093	1.168	1.122	1.106	1.143	1.102	1.089	1.100	1.116	2.91
91)	T	Carbazole	1.083	0.985	1.034	1.068	1.036	1.031	1.064	1.012	1.018	1.030	1.036	2.80
92)	T	Di-n-butylphthalate	1.278	1.295	1.233	1.336	1.281	1.279	1.334	1.272	1.262	1.252	1.282	2.55
93)	T	Fluoranthene	1.411	1.384	1.301	1.396	1.339	1.327	1.364	1.302	1.289	1.305	1.342	3.30
94)	T	Benzidine	0.818	0.850	0.863	0.936	0.927	0.931	0.985	0.945	0.951	0.962	0.917	5.90
95)	T	Pyrene	1.427	1.423	1.372	1.406	1.373	1.348	1.384	1.317	1.309	1.328	1.369	3.12
96)	S	4-Terphenyl-d14	1.016	0.985	0.977	1.014	0.945	0.946	0.993	0.952	0.953	0.957	0.974	2.81
97)	T	Butyl benzyl phthalate	0.591	0.569	0.540	0.598	0.596	0.597	0.637	0.623	0.635	0.622	0.601	5.06
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid		0.518	0.526	0.564	0.556	0.551	0.574	0.600	0.568	0.570	0.558	4.47
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.499	0.541	0.538	0.500	0.532	0.541	0.581	0.633	0.526	0.532	0.542	7.23
102)	T	Parathion				0.108	0.121	0.127	0.153	0.175	0.147	0.149	0.140	16.12
103)	T	3,3'-Dimethylbenzidine			0.798	0.852	0.881	0.907	1.032	1.142	0.947	0.948	0.938	11.51
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.478	1.336	1.268	1.330	1.283	1.303	1.330	1.300	1.265	1.315	1.321	4.61
106)	T	3,3'-Dichlorobenzidine	0.455	0.443	0.454	0.490	0.498	0.498	0.533	0.513	0.509	0.527	0.492	6.38
107)	T	Chrysene	1.338	1.288	1.283	1.326	1.256	1.240	1.302	1.212	1.196	1.223	1.266	3.84
108)	T	bis(2-Ethylhexyl)phthalate	0.769	0.797	0.773	0.844	0.808	0.847	0.897	0.862	0.824	0.828	0.825	4.83

Initial Calibration Summary
Form 6
Semivolatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **JULIET**	**Ical Ref**	: **ICAL16885**
Calibration dates	: **06/12/20 13:49 06/13/20 03:28**		

Calibration Files

1.0 =AP9L1.D 2.0 =ABNL2a.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10a.D

		Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
109)	T	Di-n-octylphthalate		1.377	1.282	1.468	1.477	1.489	1.644	1.614	1.585	1.594	1.503	7.95
110)	T	Benzo(b)fluoranthene	1.290	1.329	1.254	1.358	1.380	1.331	1.398	1.389	1.388	1.519	1.364	5.26
111)	T	Benzo(k)fluoranthene	1.355	1.394	1.303	1.407	1.305	1.337	1.426	1.305	1.297	1.287	1.342	3.81
112)	T	Benzo(a)pyrene	1.234	1.263	1.204	1.294	1.274	1.258	1.336	1.282	1.282	1.351	1.278	3.41
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	1.222	1.228	1.193	1.271	1.252	1.255	1.351	1.332	1.354	1.450	1.291	6.11
115)	T	Dibenzo[a,h]anthracene	1.256	1.242	1.214	1.260	1.254	1.247	1.330	1.316	1.301	1.361	1.278	3.61
116)	T	Benzo(g,h,i)perylene	1.338	1.308	1.285	1.359	1.326	1.313	1.380	1.316	1.309	1.375	1.331	2.35

Initial Calibration Summary
Form 6
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2033945
Project Name	: FORMER COYNE TEXTILE	**Project Number**	: 59294
Instrument ID	: SV103	**Ical Ref**	: ICAL17036
Calibration dates	: 08/03/20 13:10 08/04/20 02:07		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =ABNL7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.958	0.973	1.022	1.005	1.032	1.034	1.000	1.009	1.012	1.093	1.014	3.62
3)	t	Pyridine	1.487	1.463	1.543	1.585	1.677	1.636	1.619	1.672	1.686	1.827	1.620	6.60
4)	S	2-Fluorophenol	1.371	1.234	1.331	1.323	1.304	1.337	1.300	1.337	1.347	1.466	1.335	4.40
5)	T	Aniline	2.481	2.224	2.302	2.325	2.450	2.418	2.375	2.404	2.449	2.631	2.406	4.63
6)	t	2-Chlorophenol	1.491	1.445	1.450	1.481	1.493	1.464	1.455	1.477	1.514	1.609	1.488	3.20
7)	S	Phenol-d6	1.680	1.637	1.666	1.670	1.720	1.716	1.698	1.743	1.757	1.889	1.718	4.11
8)	T	Phenol	2.147	1.981	2.091	1.967	2.148	2.109	2.070	2.118	2.137	2.324	2.109	4.70
9)	T	bis(2-Chloroethyl)ether	1.630	1.469	1.511	1.477	1.576	1.528	1.490	1.500	1.498	1.611	1.529	3.72
10)	T	1,3-Dichlorobenzene	1.788	1.531	1.618	1.544	1.607	1.587	1.558	1.565	1.562	1.675	1.604	4.81
11)	T	1,4-Dichlorobenzene	1.921	1.697	1.640	1.655	1.677	1.641	1.553	1.583	1.580	1.716	1.666	6.23
12)	T	1,2-Dichlorobenzene	1.711	1.529	1.585	1.577	1.610	1.547	1.510	1.511	1.508	1.622	1.571	4.11
13)	t	Benzyl alcohol	1.208	1.210	1.275	1.210	1.375	1.356	1.378	1.441	1.459	1.563	1.347	8.98
14)	T	bis(2-chloroisopropyl)ether	3.221	3.127	3.096	2.947	3.020	2.988	3.011	3.088	3.044	3.212	3.075	2.97
15)	T	2-Methylphenol	1.286	1.398	1.359	1.346	1.395	1.378	1.389	1.392	1.412	1.531	1.389	4.45
16)	T	Hexachloroethane	0.770	0.753	0.723	0.691	0.708	0.701	0.691	0.702	0.700	0.745	0.718	3.93
17)	T	n-Nitrosodi-n-propylamine	1.332	1.204	1.241	1.264	1.279	1.247	1.266	1.298	1.289	1.393	1.281	4.10
18)	T	3-Methylphenol/4-Methylphenol	1.487	1.360	1.386	1.394	1.493	1.457	1.465	1.493	1.516	1.630	1.468	5.28
19)	S	Nitrobenzene-d5	1.843	1.629	1.690	1.606	1.740	1.748	1.753	1.784	1.786	1.945	1.752	5.65
20)	T	Nitrobenzene	1.907	1.787	1.814	1.762	1.865	1.835	1.850	1.875	1.894	2.062	1.865	4.45
21)	T	Isophorone	3.500	3.196	3.334	3.235	3.417	3.338	3.323	3.412	3.364	3.708	3.383	4.26
22)	T	2-Nitrophenol				0.723	0.771	0.774	0.794	0.819	0.822	0.885	0.798	6.37
23)	T	2,4-Dimethylphenol	1.473	1.398	1.452	1.355	1.532	1.558	1.530	1.570	1.574	1.717	1.516	6.77
24)	T	bis(2-Chloroethoxy)methane	2.166	2.013	1.974	1.996	2.059	1.954	1.993	2.056	2.015	2.192	2.042	3.89
25)	T	2,4-Dichlorophenol	1.203	1.135	1.119	1.077	1.201	1.207	1.199	1.207	1.218	1.346	1.191	6.06
26)	T	1,2,4-Trichlorobenzene	1.512	1.294	1.340	1.301	1.307	1.268	1.272	1.304	1.300	1.394	1.329	5.54
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	1.004	1.113	1.207	1.226	1.208	1.340	1.366	1.394	1.382	1.336	1.257	10.27
29)	T	Acetophenone	1.901	1.943	2.022	2.108	2.120	2.333	2.409	2.518	2.448	2.377	2.218	10.13
30)	T	m-Toluidine		1.960	2.021	2.132	2.134	2.301	2.366	2.476	2.415	2.331	2.237	8.11
31)	T	2-Chloroaniline	1.527	1.655	1.750	1.867	1.827	1.950	2.016	2.108	2.042	1.991	1.873	9.88
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.987	0.707	0.600	0.670	0.592	0.644	0.607	0.692	0.591	0.578	0.667	18.19
34)	T	n-Decane		1.978	2.020	2.083	2.076	2.035	2.077	2.399	1.986	2.021	2.075	6.14
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.203	1.053	1.076	1.053	1.085	1.068	1.038	1.049	1.063	1.151	1.084	4.84

Initial Calibration Summary
Form 6
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2033945
Project Name	: FORMER COYNE TEXTILE	**Project Number**	: 59294
Instrument ID	: SV103	**Ical Ref**	: ICAL17036
Calibration dates	: 08/03/20 13:10 08/04/20 02:07		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =ABNL7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

	Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
37) T	Benzoic Acid					0.274	0.312	0.333	0.345	0.356	0.393	0.336	12.06
38) T	4-Chloroaniline	0.171	0.153	0.162	0.163	0.161	0.165	0.171	0.170	0.171	0.187	0.167	5.51
39) T	Hexachlorobutadiene	0.199	0.172	0.173	0.172	0.177	0.173	0.174	0.173	0.175	0.190	0.178	5.14
40) T	p-Chloro-m-cresol	0.343	0.312	0.304	0.326	0.344	0.342	0.343	0.349	0.346	0.389	0.340	6.86
41) T	2-Methylnaphthalene	0.752	0.646	0.678	0.668	0.688	0.686	0.680	0.680	0.683	0.755	0.692	5.03
42) T	1-Methylnaphthalene	0.266	0.243	0.271	0.268	0.283	0.278	0.272	0.275	0.278	0.305	0.274	5.66
43) T	Hexachlorocyclopentadiene				0.197	0.199	0.211	0.223	0.228	0.231	0.255	0.220	9.27
44) T	2,4,6-Trichlorophenol	0.226	0.185	0.212	0.202	0.206	0.213	0.216	0.222	0.219	0.245	0.215	7.30
45) T	2,4,5-Trichlorophenol	0.205	0.214	0.214	0.224	0.237	0.234	0.231	0.233	0.232	0.269	0.229	7.58
46) S	2-Fluorobiphenyl	0.787	0.714	0.727	0.692	0.731	0.716	0.710	0.706	0.711	0.789	0.728	4.55
47) T	2-Chloronaphthalene	0.739	0.665	0.659	0.642	0.679	0.676	0.659	0.660	0.658	0.739	0.678	4.98
48) T	2-Nitroaniline			0.197	0.213	0.228	0.243	0.239	0.240	0.242	0.269	0.234	9.31
49) T	1,4-Dinitrobenzene			0.081	0.093	0.101	0.112	0.109	0.110	0.111	0.122	0.105	12.26
50) T	1,3-Dinitrobenzene		0.101	0.109	0.119	0.122	0.127	0.125	0.124	0.124	0.136	0.121	8.67
51) T	Dimethyl phthalate	0.877	0.810	0.839	0.843	0.860	0.852	0.824	0.811	0.815	0.901	0.843	3.58
52) T	Acenaphthylene	1.131	1.062	1.053	1.043	1.088	1.068	1.052	1.049	1.046	1.179	1.077	4.14
53) T	2,6-Dinitrotoluene		0.158	0.171	0.179	0.182	0.186	0.182	0.183	0.181	0.200	0.180	6.28
54) T	1,2-Dinitrobenzene			0.066	0.079	0.084	0.081	0.078	0.077	0.077	0.086	0.079	7.72
55) I	IS2_Naphthalene-d8	----------ISTD----------											
56) T	a-Terpineol		0.394	0.378	0.406	0.402	0.420	0.431	0.444	0.428	0.417	0.413	4.94
57) T	3-Chloroaniline	0.152	0.178	0.171	0.186	0.186	0.186	0.192	0.197	0.188	0.185	0.182	6.96
58) T	2,6-Dichlorophenol	0.265	0.251	0.257	0.274	0.269	0.293	0.298	0.313	0.296	0.291	0.281	7.25
59) T	1-chloro-2-nitrobenzene		0.155	0.161	0.166	0.157	0.168	0.174	0.178	0.171	0.168	0.166	4.56
60) T	Caprolactam		0.190	0.220	0.216	0.215	0.249	0.257	0.275	0.257	0.252	0.237	11.60
61) T	1,2,4,5-Tetrachlorobenzene		0.273	0.299	0.305	0.290	0.300	0.299	0.315	0.304	0.303	0.299	3.99
62) T	Biphenyl	0.736	0.777	0.843	0.825	0.807	0.840	0.855	0.888	0.849	0.826	0.825	5.19
63) I	IS1_Acenaphthene-d10	----------ISTD----------											
64) T	3-Nitroaniline			0.367	0.348	0.369	0.418	0.382	0.386	0.376	0.427	0.384	6.92
65) T	Acenaphthene	1.283	1.181	1.130	1.155	1.161	1.171	1.109	1.130	1.124	1.277	1.172	5.21
66) T	2,4-Dinitrophenol				0.156	0.190	0.218	0.222	0.239	0.235	0.266	*L	0.9959
67) T	Dibenzofuran	1.991	1.817	1.808	1.757	1.742	1.754	1.689	1.693	1.664	1.895	1.781	5.67
68) T	2,4-Dinitrotoluene		0.412	0.423	0.436	0.467	0.480	0.454	0.464	0.448	0.511	0.455	6.63
69) T	4-Nitrophenol				0.382	0.396	0.414	0.401	0.402	0.399	0.455	0.407	5.71
70) T	2,3,5,6-Tetrachlorophenol	0.283	0.308	0.330	0.331	0.350	0.353	0.342	0.353	0.336	0.395	0.338	8.79
71) T	2,3,4,6-Tetrachlorophenol	0.323	0.313	0.351	0.337	0.352	0.350	0.334	0.348	0.332	0.391	0.343	6.19
72) T	Diethyl phthalate	1.875	1.604	1.644	1.612	1.676	1.717	1.629	1.670	1.608	1.817	1.685	5.52

Initial Calibration Summary
Form 6
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2033945
Project Name	: FORMER COYNE TEXTILE	**Project Number**	: 59294
Instrument ID	: SV103	**Ical Ref**	: ICAL17036
Calibration dates	: 08/03/20 13:10 08/04/20 02:07		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =ABNL7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
73)	T	Fluorene	1.642	1.460	1.423	1.403	1.462	1.469	1.395	1.431	1.378	1.597	1.466	5.93
74)	T	4-Chlorophenyl-phenylether	0.719	0.613	0.686	0.645	0.643	0.650	0.633	0.652	0.636	0.713	0.659	5.34
75)	T	4-Nitroaniline			0.360	0.334	0.388	0.398	0.387	0.393	0.375	0.431	0.383	7.42
76)	T	4,6-Dinitro-o-cresol				0.216	0.252	0.288	0.279	0.287	0.280	0.313	0.274	11.37
77)	T	NDPA/DPA	1.269	1.228	1.247	1.225	1.295	1.305	1.212	1.259	1.239	1.398	1.268	4.31
78)	T	Azobenzene	1.888	1.737	1.739	1.704	1.800	1.848	1.799	1.830	1.766	2.013	1.812	4.97
79)	S	2,4,6-Tribromophenol		0.149	0.175	0.183	0.187	0.196	0.197	0.208	0.201	0.234	0.192	12.13
80)	T	4-Bromophenyl-phenylether	0.425	0.370	0.361	0.366	0.363	0.376	0.352	0.367	0.357	0.411	0.375	6.39
81)	T	Hexachlorobenzene	0.447	0.435	0.409	0.406	0.432	0.428	0.410	0.422	0.418	0.478	0.428	5.03
82)	T	Pentachlorophenol			0.222	0.255	0.241	0.276	0.279	0.284	0.272	0.322	0.269	11.19
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran			0.126	0.141	0.147	0.182	0.193	0.205	0.198	0.190	0.173	17.38
85)	T	Pentachloronitrobenzene			0.149	0.167	0.160	0.184	0.191	0.203	0.190	0.186	0.179	10.13
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine			0.305	0.339	0.344	0.356	0.383	0.473	0.399	0.394	0.374	13.62
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.334	1.170	1.127	1.120	1.140	1.122	1.075	1.094	1.071	1.230	1.148	6.98
90)	T	Anthracene	1.299	1.105	1.094	1.100	1.116	1.130	1.119	1.147	1.121	1.291	1.152	6.68
91)	T	Carbazole	1.076	0.983	1.016	1.030	1.056	1.078	1.025	1.044	1.016	1.175	1.050	5.02
92)	T	Di-n-butylphthalate	1.344	1.313	1.376	1.355	1.447	1.465	1.473	1.513	1.481	1.671	1.444	7.25
93)	T	Fluoranthene	1.322	1.275	1.212	1.209	1.232	1.244	1.173	1.186	1.163	1.347	1.236	5.00
94)	T	Benzidine		0.686	0.742	0.758	0.801	0.877	0.878	0.894	0.893	0.982	0.835	11.22
95)	T	Pyrene	1.402	1.281	1.222	1.224	1.287	1.254	1.196	1.209	1.198	1.375	1.265	5.75
96)	S	4-Terphenyl-d14	0.910	0.771	0.821	0.830	0.847	0.863	0.847	0.853	0.853	0.971	0.857	6.21
97)	T	Butyl benzyl phthalate				0.561	0.616	0.661	0.655	0.669	0.663	0.740	0.652	8.33
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.407	0.432	0.470	0.483	0.498	0.545	0.550	0.575	0.543	0.526	0.503	10.91
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane			0.625	0.670	0.650	0.673	0.692	0.871	0.716	0.735	0.704	10.80
102)	T	Parathion				0.104	0.123	0.137	0.169	0.224	0.193	0.192	*L	0.9914
103)	T	3,3'-Dimethylbenzidine			0.469	0.533	0.620	0.706	0.807	0.934	0.801	0.793	*L	0.9944
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.443	1.298	1.256	1.194	1.253	1.250	1.231	1.232	1.198	1.383	1.274	6.31
106)	T	3,3'-Dichlorobenzidine		0.378	0.413	0.423	0.453	0.481	0.473	0.481	0.463	0.539	0.456	10.29
107)	T	Chrysene	1.417	1.327	1.234	1.233	1.247	1.262	1.220	1.221	1.178	1.357	1.269	5.83
108)	T	bis(2-Ethylhexyl)phthalate		0.862	0.968	1.011	1.083	1.120	1.130	1.145	1.081	1.231	1.070	10.20

Initial Calibration Summary
Form 6
Semivolatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **SV103**	**Ical Ref**	: **ICAL17036**
Calibration dates	: **08/03/20 13:10 08/04/20 02:07**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 20 =AP9L6.D 50 =ABNL7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	20	50	100	150	200	Avg	%RSD
109)	T	Di-n-octylphthalate				1.502	1.703	1.845	1.938	1.944	1.862	2.133	1.847	10.82
110)	T	Benzo(b)fluoranthene	1.275	1.082	1.142	1.117	1.177	1.193	1.152	1.155	1.119	1.302	1.171	5.93
111)	T	Benzo(k)fluoranthene	1.280	1.128	1.140	1.171	1.195	1.213	1.203	1.181	1.140	1.326	1.198	5.28
112)	T	Benzo(a)pyrene	1.097	0.977	1.000	0.981	1.061	1.103	1.093	1.081	1.045	1.213	1.065	6.63
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	0.945	0.961	0.928	0.963	1.020	1.054	1.055	1.078	1.062	1.268	1.033	9.58
115)	T	Dibenzo[a,h]anthracene	1.067	0.961	1.016	1.008	1.028	1.058	1.056	1.096	1.075	1.321	1.068	9.07
116)	T	Benzo(g,h,i)perylene	1.146	1.014	1.021	1.048	1.065	1.115	1.085	1.111	1.094	1.305	1.100	7.55

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/20/20 08:02
Lab File ID	: ABN0820	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1400909-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	94	0
n-Nitrosodimethylamine	1.014	0.977	-	3.6	20	92	0
Pyridine	1.62	1.636	-	-1	20	95	0
2-Fluorophenol	1.335	1.354	-	-1.4	20	98	0
Aniline	2.406	2.399	-	0.3	20	95	0
2-Chlorophenol	1.488	1.51	-	-1.5	20	98	0
Phenol-d6	1.718	1.722	-	-0.2	20	96	0
Phenol	2.109	1.915	-	9.2	20	87	0
Bis(2-chloroethyl)ether	1.529	1.468	-	4	20	93	0
1,3-Dichlorobenzene	1.604	1.616	-	-0.7	20	98	0
1,4-Dichlorobenzene	1.666	1.632	-	2	20	99	0
1,2-Dichlorobenzene	1.571	1.588	-	-1.1	20	99	0
Benzyl alcohol	1.347	1.374	-	-2	20	94	0
Bis(2-chloroisopropyl)ethe	3.075	3.134	-	-1.9	20	98	0
2-Methylphenol	1.389	1.404	-	-1.1	20	95	0
Hexachloroethane	0.718	0.742	-	-3.3	20	101	0
n-Nitrosodi-n-propylamine	1.281	1.315	-	-2.7	20	98	0
3-Methylphenol/4-Methylphe	1.468	1.498	-	-2	20	96	0
Nitrobenzene-d5	1.752	1.79	-	-2.2	20	96	0
Nitrobenzene	1.865	1.83	-	1.9	20	93	0
Isophorone	3.383	3.487	-	-3.1	20	99	0
2-Nitrophenol	0.798	0.804	-	-0.8	20	95	0
2,4-Dimethylphenol	1.516	1.476	-	2.6	20	91	0
Bis(2-chloroethoxy)methane	2.042	2.099	-	-2.8	20	99	0
2,4-Dichlorophenol	1.191	1.214	-	-1.9	20	95	0
1,2,4-Trichlorobenzene	1.329	1.317	-	0.9	20	98	0
IS1_Naphthalene-d8	1	1	-	0	20	95	0
Naphthalene	1.084	1.074	-	0.9	20	99	0
Benzoic Acid	0.336	0.315	-	6.3	20	90	0
4-Chloroaniline	0.167	0.166	-	0.6	20	93	0
Hexachlorobutadiene	0.178	0.176	-	1.1	20	96	0
p-Chloro-m-cresol	0.34	0.34	-	0	20	94	0
2-Methylnaphthalene	0.692	0.698	-	-0.9	20	98	0
1-Methylnaphthalene	0.274	0.278	-	-1.5	20	97	0
Hexachlorocyclopentadiene	0.22	0.205	-	6.8	20	88	0
2,4,6-Trichlorophenol	0.215	0.214	-	0.5	20	94	0
2,4,5-Trichlorophenol	0.229	0.229	-	0	20	94	0
2-Fluorobiphenyl	0.728	0.729	-	-0.1	20	98	0
2-Chloronaphthalene	0.678	0.675	-	0.4	20	98	0
2-Nitroaniline	0.234	0.236	-	-0.9	20	94	0
1,4-Dinitrobenzene	0.105	0.106	-	-1	20	93	0
1,3-Dinitrobenzene	0.121	0.114	-	5.8	20	87	0
Dimethyl phthalate	0.843	0.819	-	2.8	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/20/20 08:02
Lab File ID	: ABN0820	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1400909-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.077	1.064	-	1.2	20	96	0
2,6-Dinitrotoluene	0.18	0.178	-	1.1	20	93	0
1,2-Dinitrobenzene	0.079	0.077	-	2.5	20	93	0
IS1_Acenaphthene-d10	1	1	-	0	20	91	0
3-Nitroaniline	0.384	0.385	-	-0.3	20	92	0
Acenaphthene	1.172	1.172	-	0	20	96	0
2,4-Dinitrophenol	50	46.079	-	7.8	20	90	0
Dibenzofuran	1.781	1.76	-	1.2	20	95	0
2,4-Dinitrotoluene	0.455	0.465	-	-2.2	20	93	0
4-Nitrophenol	0.407	0.366	-	10.1	20	83	0
2,3,5,6-Tetrachlorophenol	0.338	0.338	-	0	20	90	0
2,3,4,6-Tetrachlorophenol	0.343	0.345	-	-0.6	20	94	0
Diethyl phthalate	1.685	1.711	-	-1.5	20	96	0
Fluorene	1.466	1.467	-	-0.1	20	96	0
4-Chlorophenyl phenyl ethe	0.659	0.666	-	-1.1	20	96	0
4-Nitroaniline	0.383	0.372	-	2.9	20	87	0
4,6-Dinitro-o-cresol	0.274	0.27	-	1.5	20	88	0
NDPA/DPA	1.268	1.291	-	-1.8	20	97	0
Azobenzene	1.812	1.863	-	-2.8	20	94	0
2,4,6-Tribromophenol	0.192	0.199	-	-3.6	20	92	0
4-Bromophenyl phenyl ether	0.375	0.368	-	1.9	20	95	0
Hexachlorobenzene	0.428	0.409	-	4.4	20	91	0
Pentachlorophenol	0.269	0.259	-	3.7	20	85	0
IS1_Phenanthrene-d10	1	1	-	0	20	87	0
Phenanthrene	1.148	1.146	-	0.2	20	93	0
Anthracene	1.152	1.187	-	-3	20	93	0
Carbazole	1.05	1.086	-	-3.4	20	93	0
Di-n-butylphthalate	1.444	1.63	-	-12.9	20	97	0
Fluoranthene	1.236	1.234	-	0.2	20	92	0
Benzidine	0.835	0.847	-	-1.4	20	84	0
Pyrene	1.265	1.263	-	0.2	20	92	0
4-Terphenyl-d14	0.857	0.868	-	-1.3	20	90	0
Butyl benzyl phthalate	0.652	0.703	-	-7.8	20	94	0
IS1_Chrysene-d12	1	1	-	0	20	85	0
Benzo(a)anthracene	1.274	1.26	-	1.1	20	87	0
3,3'-Dichlorobenzidine	0.456	0.482	-	-5.7	20	87	0
Chrysene	1.269	1.274	-	-0.4	20	89	0
Bis(2-ethylhexyl)phthalate	1.07	1.216	-	-13.6	20	92	0
Di-n-octylphthalate	1.847	2.072	-	-12.2	20	91	0
Benzo(b)fluoranthene	1.171	1.178	-	-0.6	20	87	0
Benzo(k)fluoranthene	1.198	1.171	-	2.3	20	83	0
Benzo(a)pyrene	1.065	1.095	-	-2.8	20	86	0
IS1_Perylene-d12	1	1	-	0	20	79	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/20/20 08:02
Lab File ID	: ABN0820	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1400909-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.033	1.114	-	-7.8	20	84	0
Dibenzo(a,h)anthracene	1.068	1.101	-	-3.1	20	83	0
Benzo(ghi)perylene	1.1	1.142	-	-3.8	20	83	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/21/20 06:27
Lab File ID	: ABN0821A	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1401346-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	81	0
n-Nitrosodimethylamine	1.014	1.015	-	-0.1	20	82	0
Pyridine	1.62	1.778	-	-9.8	20	89	0
2-Fluorophenol	1.335	1.365	-	-2.2	20	85	0
Aniline	2.406	2.406	-	0	20	82	0
2-Chlorophenol	1.488	1.544	-	-3.8	20	86	0
Phenol-d6	1.718	1.753	-	-2	20	84	0
Phenol	2.109	1.98	-	6.1	20	77	0
Bis(2-chloroethyl)ether	1.529	1.489	-	2.6	20	81	0
1,3-Dichlorobenzene	1.604	1.592	-	0.7	20	83	0
1,4-Dichlorobenzene	1.666	1.601	-	3.9	20	83	0
1,2-Dichlorobenzene	1.571	1.553	-	1.1	20	83	0
Benzyl alcohol	1.347	1.351	-	-0.3	20	79	0
Bis(2-chloroisopropyl)ethe	3.075	2.936	-	4.5	20	79	0
2-Methylphenol	1.389	1.383	-	0.4	20	81	0
Hexachloroethane	0.718	0.747	-	-4	20	88	0
n-Nitrosodi-n-propylamine	1.281	1.258	-	1.8	20	80	0
3-Methylphenol/4-Methylphe	1.468	1.458	-	0.7	20	81	0
Nitrobenzene-d5	1.752	1.751	-	0.1	20	81	0
Nitrobenzene	1.865	1.819	-	2.5	20	80	0
Isophorone	3.383	3.362	-	0.6	20	82	0
2-Nitrophenol	0.798	0.767	-	3.9	20	78	0
2,4-Dimethylphenol	1.516	1.51	-	0.4	20	80	0
Bis(2-chloroethoxy)methane	2.042	1.972	-	3.4	20	80	0
2,4-Dichlorophenol	1.191	1.193	-	-0.2	20	80	0
1,2,4-Trichlorobenzene	1.329	1.277	-	3.9	20	81	0
IS1_Naphthalene-d8	1	1	-	0	20	79	0
Naphthalene	1.084	1.107	-	-2.1	20	84	0
Benzoic Acid	0.336	0.286	-	14.9	20	68	0
4-Chloroaniline	0.167	0.17	-	-1.8	20	78	0
Hexachlorobutadiene	0.178	0.177	-	0.6	20	80	0
p-Chloro-m-cresol	0.34	0.343	-	-0.9	20	79	0
2-Methylnaphthalene	0.692	0.697	-	-0.7	20	81	0
1-Methylnaphthalene	0.274	0.275	-	-0.4	20	80	0
Hexachlorocyclopentadiene	0.22	0.209	-	5	20	74	0
2,4,6-Trichlorophenol	0.215	0.21	-	2.3	20	76	0
2,4,5-Trichlorophenol	0.229	0.232	-	-1.3	20	79	0
2-Fluorobiphenyl	0.728	0.727	-	0.1	20	81	0
2-Chloronaphthalene	0.678	0.686	-	-1.2	20	82	0
2-Nitroaniline	0.234	0.24	-	-2.6	20	79	0
1,4-Dinitrobenzene	0.105	0.103	-	1.9	20	74	0
1,3-Dinitrobenzene	0.121	0.115	-	5	20	73	0
Dimethyl phthalate	0.843	0.835	-	0.9	20	80	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/21/20 06:27
Lab File ID	: ABN0821A	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1401346-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.077	1.101	-	-2.2	20	82	0
2,6-Dinitrotoluene	0.18	0.182	-	-1.1	20	79	0
1,2-Dinitrobenzene	0.079	0.078	-	1.3	20	78	0
IS1_Acenaphthene-d10	1	1	-	0	20	75	0
3-Nitroaniline	0.384	0.405	-	-5.5	20	79	0
Acenaphthene	1.172	1.21	-	-3.2	20	82	0
2,4-Dinitrophenol	50	43.419	-	13.2	20	70	0
Dibenzofuran	1.781	1.804	-	-1.3	20	80	0
2,4-Dinitrotoluene	0.455	0.486	-	-6.8	20	80	0
4-Nitrophenol	0.407	0.37	-	9.1	20	69	0
2,3,5,6-Tetrachlorophenol	0.338	0.349	-	-3.3	20	76	0
2,3,4,6-Tetrachlorophenol	0.343	0.365	-	-6.4	20	82	0
Diethyl phthalate	1.685	1.711	-	-1.5	20	79	0
Fluorene	1.466	1.518	-	-3.5	20	81	0
4-Chlorophenyl phenyl ethe	0.659	0.666	-	-1.1	20	79	0
4-Nitroaniline	0.383	0.394	-	-2.9	20	76	0
4,6-Dinitro-o-cresol	0.274	0.274	-	0	20	73	0
NDPA/DPA	1.268	1.317	-	-3.9	20	81	0
Azobenzene	1.812	1.845	-	-1.8	20	77	0
2,4,6-Tribromophenol	0.192	0.196	-	-2.1	20	74	0
4-Bromophenyl phenyl ether	0.375	0.363	-	3.2	20	77	0
Hexachlorobenzene	0.428	0.433	-	-1.2	20	79	0
Pentachlorophenol	0.269	0.265	-	1.5	20	71	0
IS1_Phenanthrene-d10	1	1	-	0	20	73	0
Phenanthrene	1.148	1.195	-	-4.1	20	81	0
Anthracene	1.152	1.238	-	-7.5	20	80	0
Carbazole	1.05	1.15	-	-9.5	20	81	0
Di-n-butylphthalate	1.444	1.57	-	-8.7	20	77	0
Fluoranthene	1.236	1.337	-	-8.2	20	83	0
Benzidine	0.835	0.943	-	-12.9	20	78	0
Pyrene	1.265	1.36	-	-7.5	20	83	0
4-Terphenyl-d14	0.857	0.917	-	-7	20	79	0
Butyl benzyl phthalate	0.652	0.694	-	-6.4	20	77	0
IS1_Chrysene-d12	1	1	-	0	20	76	0
Benzo(a)anthracene	1.274	1.278	-	-0.3	20	79	0
3,3'-Dichlorobenzidine	0.456	0.498	-	-9.2	20	80	0
Chrysene	1.269	1.347	-	-6.1	20	84	0
Bis(2-ethylhexyl)phthalate	1.07	1.124	-	-5	20	75	0
Di-n-octylphthalate	1.847	1.884	-	-2	20	74	0
Benzo(b)fluoranthene	1.171	1.207	-	-3.1	20	79	0
Benzo(k)fluoranthene	1.198	1.342	-	-12	20	85	0
Benzo(a)pyrene	1.065	1.186	-	-11.4	20	82	0
IS1_Perylene-d12	1	1	-	0	20	76	0

* Value outside of QC limits.

ALPHA ANALYTICAL

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/21/20 06:27
Lab File ID	: ABN0821A	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1401346-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.033	1.107	-	-7.2	20	80	0
Dibenzo(a,h)anthracene	1.068	1.133	-	-6.1	20	81	0
Benzo(ghi)perylene	1.1	1.19	-	-8.2	20	83	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: JULIET	Calibration Date	: 08/26/20 06:48
Lab File ID	: ABN0826	Init. Calib. Date(s)	: 06/12/20 06/13/20
Sample No	: WG1402979-3	Init. Calib. Times	: 13:49 03:28
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	104	0
n-Nitrosodimethylamine	0.681	0.719	-	-5.6	20	106	0
Pyridine	1.18	1.243	-	-5.3	20	103	0
2-Fluorophenol	1.109	1.105	-	0.4	20	98	0
Aniline	1.88	1.899	-	-1	20	102	0
2-Chlorophenol	1.35	1.275	-	5.6	20	94	0
Phenol-d6	1.383	1.383	-	0	20	99	0
Phenol	1.612	1.647	-	-2.2	20	101	0
Bis(2-chloroethyl)ether	1.083	1.079	-	0.4	20	100	0
1,3-Dichlorobenzene	1.531	1.444	-	5.7	20	96	0
1,4-Dichlorobenzene	1.542	1.438	-	6.7	20	94	0
1,2-Dichlorobenzene	1.468	1.367	-	6.9	20	95	0
Benzyl alcohol	0.955	1.008	-	-5.5	20	100	0
Bis(2-chloroisopropyl)ethe	2.402	2.137	-	11	20	89	0
2-Methylphenol	1.157	1.147	-	0.9	20	98	0
Hexachloroethane	0.522	0.525	-	-0.6	20	98	0
n-Nitrosodi-n-propylamine	0.891	0.921	-	-3.4	20	101	0
3-Methylphenol/4-Methylphe	1.212	1.249	-	-3.1	20	98	0
Nitrobenzene-d5	1.232	1.275	-	-3.5	20	100	0
Nitrobenzene	1.265	1.283	-	-1.4	20	100	0
Isophorone	2.315	2.371	-	-2.4	20	101	0
2-Nitrophenol	0.715	0.725	-	-1.4	20	95	0
2,4-Dimethylphenol	1.182	1.093	-	7.5	20	91	0
Bis(2-chloroethoxy)methane	1.464	1.501	-	-2.5	20	98	0
2,4-Dichlorophenol	1.161	1.206	-	-3.9	20	99	0
1,2,4-Trichlorobenzene	1.303	1.309	-	-0.5	20	99	0
IS1_Naphthalene-d8	1	1	-	0	20	101	0
Naphthalene	0.999	0.962	-	3.7	20	95	0
Benzoic Acid	0.259	0.253	-	2.3	20	93	0
4-Chloroaniline	0.115	0.126	-	-9.6	20	104	0
Hexachlorobutadiene	0.182	0.182	-	0	20	97	0
p-Chloro-m-cresol	0.279	0.286	-	-2.5	20	98	0
2-Methylnaphthalene	0.698	0.72	-	-3.2	20	101	0
1-Methylnaphthalene	0.21	0.197	-	6.2	20	92	0
Hexachlorocyclopentadiene	0.224	0.224	-	0	20	91	0
2,4,6-Trichlorophenol	0.232	0.24	-	-3.4	20	102	0
2,4,5-Trichlorophenol	0.246	0.26	-	-5.7	20	100	0
2-Fluorobiphenyl	0.748	0.748	-	0	20	98	0
2-Chloronaphthalene	0.678	0.679	-	-0.1	20	97	0
2-Nitroaniline	0.226	0.238	-	-5.3	20	99	0
1,4-Dinitrobenzene	0.098	0.11	-	-12.2	20	102	0
1,3-Dinitrobenzene	0.112	0.121	-	-8	20	101	0
Dimethyl phthalate	0.805	0.823	-	-2.2	20	99	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: JULIET	Calibration Date	: 08/26/20 06:48
Lab File ID	: ABN0826	Init. Calib. Date(s)	: 06/12/20 06/13/20
Sample No	: WG1402979-3	Init. Calib. Times	: 13:49 03:28
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.067	1.086	-	-1.8	20	98	0
2,6-Dinitrotoluene	0.171	0.177	-	-3.5	20	97	0
1,2-Dinitrobenzene	0.067	0.075	-	-11.9	20	101	0
IS1_Acenaphthene-d10	1	1	-	0	20	110	0
3-Nitroaniline	0.363	0.344	-	5.2	20	97	0
Acenaphthene	1.172	1.086	-	7.3	20	100	0
2,4-Dinitrophenol	0.222	0.224	-	-0.9	20	99	0
Dibenzofuran	1.795	1.701	-	5.2	20	101	0
2,4-Dinitrotoluene	0.439	0.421	-	4.1	20	98	0
4-Nitrophenol	0.269	0.279	-	-3.7	20	105	0
2,3,5,6-Tetrachlorophenol	0.388	0.397	-	-2.3	20	103	0
2,3,4,6-Tetrachlorophenol	0.383	0.388	-	-1.3	20	101	0
Diethyl phthalate	1.531	1.439	-	6	20	100	0
Fluorene	1.451	1.397	-	3.7	20	103	0
4-Chlorophenyl phenyl ethe	0.695	0.669	-	3.7	20	104	0
4-Nitroaniline	0.384	0.382	-	0.5	20	101	0
4,6-Dinitro-o-cresol	0.283	0.295	-	-4.2	20	104	0
NDPA/DPA	1.275	1.22	-	4.3	20	101	0
Azobenzene	1.23	1.207	-	1.9	20	104	0
2,4,6-Tribromophenol	0.213	0.224	-	-5.2	20	112	0
4-Bromophenyl phenyl ether	0.442	0.433	-	2	20	108	0
Hexachlorobenzene	0.476	0.486	-	-2.1	20	109	0
Pentachlorophenol	0.304	0.317	-	-4.3	20	104	0
IS1_Phenanthrene-d10	1	1	-	0	20	113	0
Phenanthrene	1.104	1.016	-	8	20	104	0
Anthracene	1.116	1.048	-	6.1	20	104	0
Carbazole	1.036	1.001	-	3.4	20	106	0
Di-n-butylphthalate	1.282	1.239	-	3.4	20	105	0
Fluoranthene	1.342	1.289	-	3.9	20	107	0
Benzidine	0.917	0.792	-	13.6	20	91	0
Pyrene	1.369	1.303	-	4.8	20	106	0
4-Terphenyl-d14	0.974	0.951	-	2.4	20	108	0
Butyl benzyl phthalate	0.601	0.609	-	-1.3	20	108	0
IS1_Chrysene-d12	1	1	-	0	20	121	0
Benzo(a)anthracene	1.321	1.2	-	9.2	20	109	0
3,3'-Dichlorobenzidine	0.492	0.489	-	0.6	20	111	0
Chrysene	1.266	1.154	-	8.8	20	107	0
Bis(2-ethylhexyl)phthalate	0.825	0.8	-	3	20	108	0
Di-n-octylphthalate	1.503	1.506	-	-0.2	20	111	0
Benzo(b)fluoranthene	1.364	1.274	-	6.6	20	110	0
Benzo(k)fluoranthene	1.342	1.263	-	5.9	20	107	0
Benzo(a)pyrene	1.278	1.217	-	4.8	20	110	0
IS1_Perylene-d12	1	1	-	0	20	124	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: JULIET	Calibration Date	: 08/26/20 06:48
Lab File ID	: ABN0826	Init. Calib. Date(s)	: 06/12/20 06/13/20
Sample No	: WG1402979-3	Init. Calib. Times	: 13:49 03:28
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.291	1.187	-	8.1	20	109	0
Dibenzo(a,h)anthracene	1.278	1.176	-	8	20	110	0
Benzo(ghi)perylene	1.331	1.156	-	13.1	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/26/20 07:44
Lab File ID	: ABN0826	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1403007-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
n-Nitrosodimethylamine	1.014	0.98	-	3.4	20	97	0
Pyridine	1.62	1.63	-	-0.6	20	100	0
2-Fluorophenol	1.335	1.272	-	4.7	20	97	0
Aniline	2.406	2.18	-	9.4	20	91	0
2-Chlorophenol	1.488	1.43	-	3.9	20	97	0
Phenol-d6	1.718	1.669	-	2.9	20	98	0
Phenol	2.109	1.893	-	10.2	20	91	0
Bis(2-chloroethyl)ether	1.529	1.493	-	2.4	20	99	0
1,3-Dichlorobenzene	1.604	1.501	-	6.4	20	96	0
1,4-Dichlorobenzene	1.666	1.526	-	8.4	20	97	0
1,2-Dichlorobenzene	1.571	1.454	-	7.4	20	95	0
Benzyl alcohol	1.347	1.303	-	3.3	20	94	0
Bis(2-chloroisopropyl)ethe	3.075	2.964	-	3.6	20	98	0
2-Methylphenol	1.389	1.319	-	5	20	94	0
Hexachloroethane	0.718	0.701	-	2.4	20	101	0
n-Nitrosodi-n-propylamine	1.281	1.248	-	2.6	20	98	0
3-Methylphenol/4-Methylphe	1.468	1.398	-	4.8	20	95	0
Nitrobenzene-d5	1.752	1.641	-	6.3	20	93	0
Nitrobenzene	1.865	1.839	-	1.4	20	99	0
Isophorone	3.383	3.304	-	2.3	20	99	0
2-Nitrophenol	0.798	0.759	-	4.9	20	95	0
2,4-Dimethylphenol	1.516	1.337	-	11.8	20	87	0
Bis(2-chloroethoxy)methane	2.042	1.927	-	5.6	20	96	0
2,4-Dichlorophenol	1.191	1.151	-	3.4	20	95	0
1,2,4-Trichlorobenzene	1.329	1.231	-	7.4	20	96	0
IS1_Naphthalene-d8	1	1	-	0	20	101	0
Naphthalene	1.084	1.006	-	7.2	20	98	0
Benzoic Acid	0.336	0.292	-	13.1	20	88	0
4-Chloroaniline	0.167	0.155	-	7.2	20	91	0
Hexachlorobutadiene	0.178	0.163	-	8.4	20	94	0
p-Chloro-m-cresol	0.34	0.327	-	3.8	20	96	0
2-Methylnaphthalene	0.692	0.64	-	7.5	20	95	0
1-Methylnaphthalene	0.274	0.258	-	5.8	20	96	0
Hexachlorocyclopentadiene	0.22	0.178	-	19.1	20	81	0
2,4,6-Trichlorophenol	0.215	0.197	-	8.4	20	92	0
2,4,5-Trichlorophenol	0.229	0.224	-	2.2	20	98	0
2-Fluorobiphenyl	0.728	0.654	-	10.2	20	93	0
2-Chloronaphthalene	0.678	0.628	-	7.4	20	96	0
2-Nitroaniline	0.234	0.225	-	3.8	20	95	0
1,4-Dinitrobenzene	0.105	0.1	-	4.8	20	93	0
1,3-Dinitrobenzene	0.121	0.11	-	9.1	20	88	0
Dimethyl phthalate	0.843	0.767	-	9	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/26/20 07:44
Lab File ID	: ABN0826	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1403007-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.077	0.999	-	7.2	20	96	0
2,6-Dinitrotoluene	0.18	0.172	-	4.4	20	95	0
1,2-Dinitrobenzene	0.079	0.074	-	6.3	20	95	0
IS1_Acenaphthene-d10	1	1	-	0	20	100	0
3-Nitroaniline	0.384	0.364	-	5.2	20	95	0
Acenaphthene	1.172	1.081	-	7.8	20	97	0
2,4-Dinitrophenol	50	41.727	-	16.5	20	89	0
Dibenzofuran	1.781	1.607	-	9.8	20	95	0
2,4-Dinitrotoluene	0.455	0.423	-	7	20	93	0
4-Nitrophenol	0.407	0.338	-	17	20	84	0
2,3,5,6-Tetrachlorophenol	0.338	0.312	-	7.7	20	91	0
2,3,4,6-Tetrachlorophenol	0.343	0.319	-	7	20	95	0
Diethyl phthalate	1.685	1.543	-	8.4	20	95	0
Fluorene	1.466	1.341	-	8.5	20	96	0
4-Chlorophenyl phenyl ethe	0.659	0.593	-	10	20	94	0
4-Nitroaniline	0.383	0.354	-	7.6	20	91	0
4,6-Dinitro-o-cresol	0.274	0.254	-	7.3	20	91	0
NDPA/DPA	1.268	1.185	-	6.5	20	98	0
Azobenzene	1.812	1.715	-	5.4	20	95	0
2,4,6-Tribromophenol	0.192	0.179	-	6.8	20	91	0
4-Bromophenyl phenyl ether	0.375	0.323	-	13.9	20	92	0
Hexachlorobenzene	0.428	0.385	-	10	20	94	0
Pentachlorophenol	0.269	0.238	-	11.5	20	85	0
IS1_Phenanthrene-d10	1	1	-	0	20	97	0
Phenanthrene	1.148	1.029	-	10.4	20	93	0
Anthracene	1.152	1.082	-	6.1	20	94	0
Carbazole	1.05	0.992	-	5.5	20	94	0
Di-n-butylphthalate	1.444	1.434	-	0.7	20	94	0
Fluoranthene	1.236	1.128	-	8.7	20	93	0
Benzidine	0.835	0.698	-	16.4	20	77	0
Pyrene	1.265	1.164	-	8	20	94	0
4-Terphenyl-d14	0.857	0.789	-	7.9	20	90	0
Butyl benzyl phthalate	0.652	0.628	-	3.7	20	93	0
IS1_Chrysene-d12	1	1	-	0	20	97	0
Benzo(a)anthracene	1.274	1.129	-	11.4	20	89	0
3,3'-Dichlorobenzidine	0.456	0.442	-	3.1	20	90	0
Chrysene	1.269	1.196	-	5.8	20	95	0
Bis(2-ethylhexyl)phthalate	1.07	1.064	-	0.6	20	91	0
Di-n-octylphthalate	1.847	1.823	-	1.3	20	91	0
Benzo(b)fluoranthene	1.171	1.026	-	12.4	20	86	0
Benzo(k)fluoranthene	1.198	1.152	-	3.8	20	93	0
Benzo(a)pyrene	1.065	1.005	-	5.6	20	89	0
IS1_Perylene-d12	1	1	-	0	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/26/20 07:44
Lab File ID	: ABN0826	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1403007-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.033	0.985	-	4.6	20	85	0
Dibenzo(a,h)anthracene	1.068	1.049	-	1.8	20	90	0
Benzo(ghi)perylene	1.1	1.044	-	5.1	20	87	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: GCMS5	Calibration Date	: 08/27/20 03:40
Lab File ID	: ABN0826N	Init. Calib. Date(s)	: 04/01/20 04/02/20
Sample No	: WG1403370-3	Init. Calib. Times	: 22:40 10:43
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	88	0
n-Nitrosodimethylamine	0.705	0.759	-	-7.7	20	93	0
Pyridine	1.239	1.309	-	-5.6	20	88	-.01
2-Fluorophenol	1.102	1.145	-	-3.9	20	87	0
Aniline	1.787	1.806	-	-1.1	20	88	0
2-Chlorophenol	1.282	1.306	-	-1.9	20	88	0
Phenol-d6	1.366	1.391	-	-1.8	20	90	0
Phenol	1.639	1.629	-	0.6	20	86	0
Bis(2-chloroethyl)ether	1.055	1.049	-	0.6	20	88	0
1,3-Dichlorobenzene	1.498	1.513	-	-1	20	88	0
1,4-Dichlorobenzene	1.55	1.5	-	3.2	20	86	0
1,2-Dichlorobenzene	1.492	1.458	-	2.3	20	87	0
Benzyl alcohol	0.928	0.916	-	1.3	20	84	0
Bis(2-chloroisopropyl)ethe	1.977	2.11	-	-6.7	20	96	0
2-Methylphenol	1.095	1.107	-	-1.1	20	87	0
Hexachloroethane	0.603	0.565	-	6.3	20	85	0
n-Nitrosodi-n-propylamine	0.819	0.863	-	-5.4	20	91	0
3-Methylphenol/4-Methylphe	1.177	1.178	-	-0.1	20	88	0
Nitrobenzene-d5	1.235	1.235	-	0	20	86	0
Nitrobenzene	1.247	1.21	-	3	20	85	0
Isophorone	2.162	2.229	-	-3.1	20	87	0
2-Nitrophenol	0.714	0.708	-	0.8	20	86	0
2,4-Dimethylphenol	1.149	1.077	-	6.3	20	82	0
Bis(2-chloroethoxy)methane	1.415	1.376	-	2.8	20	89	0
2,4-Dichlorophenol	1.21	1.212	-	-0.2	20	88	0
1,2,4-Trichlorobenzene	1.425	1.314	-	7.8	20	85	0
IS1_Naphthalene-d8	1	1	-	0	20	86	0
Naphthalene	1.022	1.024	-	-0.2	20	86	0
Benzoic Acid	50	52.292	-	-4.6	20	92	0
4-Chloroaniline	0.126	0.126	-	0	20	84	0
Hexachlorobutadiene	0.218	0.227	-	-4.1	20	87	0
p-Chloro-m-cresol	0.294	0.309	-	-5.1	20	85	0
2-Methylnaphthalene	0.726	0.749	-	-3.2	20	88	0
1-Methylnaphthalene	0.231	0.218	-	5.6	20	81	0
Hexachlorocyclopentadiene	0.304	0.287	-	5.6	20	81	0
2,4,6-Trichlorophenol	0.257	0.276	-	-7.4	20	88	0
2,4,5-Trichlorophenol	0.282	0.295	-	-4.6	20	87	0
2-Fluorobiphenyl	0.793	0.806	-	-1.6	20	86	0
2-Chloronaphthalene	0.741	0.744	-	-0.4	20	86	0
2-Nitroaniline	0.248	0.265	-	-6.9	20	90	0
1,4-Dinitrobenzene	0.107	0.114	-	-6.5	20	87	0
1,3-Dinitrobenzene	0.12	0.128	-	-6.7	20	91	0
Dimethyl phthalate	0.857	0.881	-	-2.8	20	88	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: GCMS5	Calibration Date	: 08/27/20 03:40
Lab File ID	: ABN0826N	Init. Calib. Date(s)	: 04/01/20 04/02/20
Sample No	: WG1403370-3	Init. Calib. Times	: 22:40 10:43
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.125	1.176	-	-4.5	20	88	0
2,6-Dinitrotoluene	0.184	0.196	-	-6.5	20	87	0
1,2-Dinitrobenzene	0.074	0.077	-	-4.1	20	89	0
IS1_Acenaphthene-d10	1	1	-	0	20	86	0
3-Nitroaniline	0.364	0.382	-	-4.9	20	87	0
Acenaphthene	1.138	1.168	-	-2.6	20	89	0
2,4-Dinitrophenol	50	54.11	-	-8.2	20	94	0
Dibenzofuran	1.766	1.8	-	-1.9	20	87	0
2,4-Dinitrotoluene	0.424	0.456	-	-7.5	20	87	0
4-Nitrophenol	0.266	0.257	-	3.4	20	79	0
2,3,5,6-Tetrachlorophenol	0.427	0.474	-	-11	20	89	0
2,3,4,6-Tetrachlorophenol	0.433	0.478	-	-10.4	20	89	0
Diethyl phthalate	1.43	1.497	-	-4.7	20	86	0
Fluorene	1.393	1.469	-	-5.5	20	88	0
4-Chlorophenyl phenyl ethe	0.667	0.7	-	-4.9	20	88	0
4-Nitroaniline	0.376	0.378	-	-0.5	20	82	0
4,6-Dinitro-o-cresol	0.265	0.309	-	-16.6	20	92	0
NDPA/DPA	1.151	1.212	-	-5.3	20	88	0
Azobenzene	1.26	1.301	-	-3.3	20	86	0
2,4,6-Tribromophenol	0.243	0.299	-	-23*	20	97	0
4-Bromophenyl phenyl ether	0.429	0.465	-	-8.4	20	90	0
Hexachlorobenzene	0.501	0.565	-	-12.8	20	94	0
Pentachlorophenol	50	50.962	-	-1.9	20	91	0
IS1_Phenanthrene-d10	1	1	-	0	20	85	0
Phenanthrene	1.064	1.098	-	-3.2	20	87	0
Anthracene	1.054	1.122	-	-6.5	20	86	0
Carbazole	0.997	1.062	-	-6.5	20	87	0
Di-n-butylphthalate	1.165	1.325	-	-13.7	20	91	0
Fluoranthene	1.287	1.379	-	-7.1	20	87	0
Benzidine	0.835	0.893	-	-6.9	20	84	0
Pyrene	1.331	1.427	-	-7.2	20	90	0
4-Terphenyl-d14	0.838	0.954	-	-13.8	20	90	0
Butyl benzyl phthalate	0.568	0.647	-	-13.9	20	92	0
IS1_Chrysene-d12	1	1	-	0	20	90	0
Benzo(a)anthracene	1.259	1.261	-	-0.2	20	88	0
3,3'-Dichlorobenzidine	0.477	0.531	-	-11.3	20	92	0
Chrysene	1.209	1.211	-	-0.2	20	89	0
Bis(2-ethylhexyl)phthalate	0.759	0.869	-	-14.5	20	94	0
Di-n-octylphthalate	1.38	1.582	-	-14.6	20	96	0
Benzo(b)fluoranthene	1.348	1.457	-	-8.1	20	87	0
Benzo(k)fluoranthene	1.176	1.131	-	3.8	20	87	0
Benzo(a)pyrene	1.198	1.244	-	-3.8	20	88	0
IS1_Perylene-d12	1	1	-	0	20	82	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: GCMS5	Calibration Date	: 08/27/20 03:40
Lab File ID	: ABN0826N	Init. Calib. Date(s)	: 04/01/20 04/02/20
Sample No	: WG1403370-3	Init. Calib. Times	: 22:40 10:43
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.188	1.403	-	-18.1	20	92	0
Dibenzo(a,h)anthracene	1.049	1.204	-	-14.8	20	87	.01
Benzo(ghi)perylene	1.164	1.289	-	-10.7	20	87	.01

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/27/20 09:41
Lab File ID	: ABN0827	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1403561-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
n-Nitrosodimethylamine	1.014	1.034	-	-2	20	96	0
Pyridine	1.62	1.782	-	-10	20	102	0
2-Fluorophenol	1.335	1.439	-	-7.8	20	103	0
Aniline	2.406	2.418	-	-0.5	20	95	0
2-Chlorophenol	1.488	1.621	-	-8.9	20	104	0
Phenol-d6	1.718	1.854	-	-7.9	20	102	0
Phenol	2.109	2.073	-	1.7	20	93	0
Bis(2-chloroethyl)ether	1.529	1.614	-	-5.6	20	101	0
1,3-Dichlorobenzene	1.604	1.668	-	-4	20	100	0
1,4-Dichlorobenzene	1.666	1.668	-	-0.1	20	100	0
1,2-Dichlorobenzene	1.571	1.615	-	-2.8	20	99	0
Benzyl alcohol	1.347	1.507	-	-11.9	20	102	0
Bis(2-chloroisopropyl)ethe	3.075	3.407	-	-10.8	20	105	0
2-Methylphenol	1.389	1.509	-	-8.6	20	101	0
Hexachloroethane	0.718	0.774	-	-7.8	20	104	0
n-Nitrosodi-n-propylamine	1.281	1.424	-	-11.2	20	105	0
3-Methylphenol/4-Methylphe	1.468	1.585	-	-8	20	101	0
Nitrobenzene-d5	1.752	1.901	-	-8.5	20	101	0
Nitrobenzene	1.865	2.012	-	-7.9	20	101	0
Isophorone	3.383	3.781	-	-11.8	20	106	0
2-Nitrophenol	0.798	0.867	-	-8.6	20	102	0
2,4-Dimethylphenol	1.516	1.558	-	-2.8	20	95	0
Bis(2-chloroethoxy)methane	2.042	2.219	-	-8.7	20	104	0
2,4-Dichlorophenol	1.191	1.281	-	-7.6	20	99	0
1,2,4-Trichlorobenzene	1.329	1.355	-	-2	20	99	0
IS1_Naphthalene-d8	1	1	-	0	20	95	0
Naphthalene	1.084	1.119	-	-3.2	20	103	0
Benzoic Acid	0.336	0.328	-	2.4	20	94	0
4-Chloroaniline	0.167	0.174	-	-4.2	20	97	0
Hexachlorobutadiene	0.178	0.177	-	0.6	20	97	0
p-Chloro-m-cresol	0.34	0.369	-	-8.5	20	102	0
2-Methylnaphthalene	0.692	0.718	-	-3.8	20	100	0
1-Methylnaphthalene	0.274	0.291	-	-6.2	20	102	0
Hexachlorocyclopentadiene	0.22	0.208	-	5.5	20	89	0
2,4,6-Trichlorophenol	0.215	0.223	-	-3.7	20	98	0
2,4,5-Trichlorophenol	0.229	0.24	-	-4.8	20	99	0
2-Fluorobiphenyl	0.728	0.751	-	-3.2	20	101	0
2-Chloronaphthalene	0.678	0.699	-	-3.1	20	101	0
2-Nitroaniline	0.234	0.254	-	-8.5	20	101	0
1,4-Dinitrobenzene	0.105	0.112	-	-6.7	20	98	0
1,3-Dinitrobenzene	0.121	0.124	-	-2.5	20	94	0
Dimethyl phthalate	0.843	0.852	-	-1.1	20	98	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/27/20 09:41
Lab File ID	: ABN0827	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1403561-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.077	1.11	-	-3.1	20	100	0
2,6-Dinitrotoluene	0.18	0.189	-	-5	20	99	0
1,2-Dinitrobenzene	0.079	0.08	-	-1.3	20	97	0
IS1_Acenaphthene-d10	1	1	-	0	20	91	0
3-Nitroaniline	0.384	0.412	-	-7.3	20	98	0
Acenaphthene	1.172	1.24	-	-5.8	20	101	0
2,4-Dinitrophenol	50	49.051	-	1.9	20	96	0
Dibenzofuran	1.781	1.832	-	-2.9	20	98	0
2,4-Dinitrotoluene	0.455	0.484	-	-6.4	20	97	0
4-Nitrophenol	0.407	0.409	-	-0.5	20	93	0
2,3,5,6-Tetrachlorophenol	0.338	0.362	-	-7.1	20	96	0
2,3,4,6-Tetrachlorophenol	0.343	0.371	-	-8.2	20	101	0
Diethyl phthalate	1.685	1.787	-	-6.1	20	100	0
Fluorene	1.466	1.526	-	-4.1	20	99	0
4-Chlorophenyl phenyl ethe	0.659	0.67	-	-1.7	20	96	0
4-Nitroaniline	0.383	0.409	-	-6.8	20	96	0
4,6-Dinitro-o-cresol	0.274	0.294	-	-7.3	20	96	0
NDPA/DPA	1.268	1.341	-	-5.8	20	100	0
Azobenzene	1.812	1.955	-	-7.9	20	99	0
2,4,6-Tribromophenol	0.192	0.206	-	-7.3	20	95	0
4-Bromophenyl phenyl ether	0.375	0.376	-	-0.3	20	97	0
Hexachlorobenzene	0.428	0.435	-	-1.6	20	96	0
Pentachlorophenol	0.269	0.284	-	-5.6	20	93	0
IS1_Phenanthrene-d10	1	1	-	0	20	90	0
Phenanthrene	1.148	1.178	-	-2.6	20	98	0
Anthracene	1.152	1.209	-	-4.9	20	97	0
Carbazole	1.05	1.129	-	-7.5	20	99	0
Di-n-butylphthalate	1.444	1.645	-	-13.9	20	100	0
Fluoranthene	1.236	1.327	-	-7.4	20	101	0
Benzidine	0.835	0.918	-	-9.9	20	94	0
Pyrene	1.265	1.35	-	-6.7	20	101	0
4-Terphenyl-d14	0.857	0.905	-	-5.6	20	96	0
Butyl benzyl phthalate	0.652	0.757	-	-16.1	20	104	0
IS1_Chrysene-d12	1	1	-	0	20	94	0
Benzo(a)anthracene	1.274	1.303	-	-2.3	20	99	0
3,3'-Dichlorobenzidine	0.456	0.525	-	-15.1	20	104	0
Chrysene	1.269	1.345	-	-6	20	103	0
Bis(2-ethylhexyl)phthalate	1.07	1.226	-	-14.6	20	102	0
Di-n-octylphthalate	1.847	2.147	-	-16.2	20	104	0
Benzo(b)fluoranthene	1.171	1.251	-	-6.8	20	102	0
Benzo(k)fluoranthene	1.198	1.365	-	-13.9	20	106	0
Benzo(a)pyrene	1.065	1.202	-	-12.9	20	103	0
IS1_Perylene-d12	1	1	-	0	20	92	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: SV103	Calibration Date	: 08/27/20 09:41
Lab File ID	: ABN0827	Init. Calib. Date(s)	: 08/03/20 08/04/20
Sample No	: WG1403561-3	Init. Calib. Times	: 13:10 02:07
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.033	1.13	-	-9.4	20	98	0
Dibenzo(a,h)anthracene	1.068	1.164	-	-9	20	101	0
Benzo(ghi)perylene	1.1	1.178	-	-7.1	20	99	0

* Value outside of QC limits.

Surrogate Recovery Summary
Form 2
Volatiles

Client: CHA Companies
Project Name: FORMER COYNE TEXTILE

Lab Number: L2033945
Project Number: 59294
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
SOIL-SW-300 (L2033945-01)	104	102	108	102	0
SOIL-B-300 (L2033945-02)	98	98	97	97	0
SOIL-B-301 (L2033945-03)	97	99	99	98	0
SOIL-SW-301(L2033945-04)	100	99	100	98	0
SOIL-SW-302 (L2033945-05)L	124	113	122	66*	1
SOIL-SW-302 (L2033945-05)H	97	96	113	102	0
SOIL-SW-303 (L2033945-06)	98	94	97	102	0
SOIL-SW-304 (L2033945-07)L	87	100	153*	97	1
SOIL-SW-304 (L2033945-07)H	99	91	117	106	0
SOIL-B-302 (L2033945-08)	103	95	96	101	0
SOIL-B-303 (L2033945-09D)	99	81	171*	103	1
SOIL-B-304 (L2033945-10)	101	106	136*	104	1
SOIL-SW-305 (L2033945-11)	97	106	131*	99	1
SOIL-SW-306 (L2033945-12)	95	78	360*	102	1
SOIL-B-305 (L2033945-13)L	92	61*	712*	98	2
SOIL-B-305 (L2033945-13)H	108	95	100	103	0
SOIL-B-306 (L2033945-14)	92	90	166*	101	1
SOIL-B-307 (L2033945-15D)	94	80	189*	101	1
SOIL-B-308 (L2033945-16D)	96	88	140*	101	1
SOIL-DUP-001 (L2033945-17D)	98	88	144*	102	1
SOIL-B-309 (L2033945-18)	96	79	224*	102	1
WG1401428-3LCS	98	97	94	102	0
WG1401428-4LCSD	97	97	92	103	0
WG1401428-5BLANK	95	98	96	97	0
WG1403079-3LCS	100	95	87	106	0
WG1403079-4LCSD	99	94	88	105	0
WG1403079-5BLANK	99	93	90	101	0
WG1403102-3LCS	100	99	98	100	0

QC LIMITS
(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

* Values outside of QC limits

FORM II NYTCL-8260HLW-R2

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Matrix	: SOIL		
LCS Sample ID	: WG1401428-3 Analysis Date : 08/21/20 05:52	File ID	: V00200821A01
LCSD Sample ID	: WG1401428-4 Analysis Date : 08/21/20 06:18	File ID	: V00200821A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	36	91	40	34	84	8	70-130	30
1,1-Dichloroethane	40	38	95	40	34	86	10	70-130	30
Chloroform	40	40	100	40	38	94	6	70-130	30
Carbon tetrachloride	40	45	112	40	40	101	10	70-130	30
1,2-Dichloropropane	40	37	92	40	35	87	6	70-130	30
Dibromochloromethane	40	39	97	40	37	92	5	70-130	30
1,1,2-Trichloroethane	40	35	88	40	34	86	2	70-130	30
Tetrachloroethene	40	46	115	40	42	105	9	70-130	30
Chlorobenzene	40	38	94	40	35	88	7	70-130	30
Trichlorofluoromethane	40	48	121	40	41	103	16	70-139	30
1,2-Dichloroethane	40	39	97	40	37	93	4	70-130	30
1,1,1-Trichloroethane	40	43	108	40	39	99	9	70-130	30
Bromodichloromethane	40	38	95	40	36	91	4	70-130	30
trans-1,3-Dichloropropene	40	37	93	40	35	88	6	70-130	30
cis-1,3-Dichloropropene	40	39	98	40	37	94	4	70-130	30
Bromoform	40	40	99	40	38	94	5	70-130	30
1,1,2,2-Tetrachloroethane	40	33	82	40	31	78	5	70-130	30
Benzene	40	38	95	40	35	88	8	70-130	30
Toluene	40	38	95	40	35	88	8	70-130	30
Ethylbenzene	40	38	96	40	35	88	9	70-130	30
Chloromethane	40	35	88	40	30	74	17	52-130	30
Bromomethane	40	43	108	40	37	93	15	57-147	30
Vinyl chloride	40	41	102	40	33	84	19	67-130	30
Chloroethane	40	41	102	40	33	82	22	50-151	30
1,1-Dichloroethene	40	41	102	40	36	89	14	65-135	30
trans-1,2-Dichloroethene	40	40	100	40	35	88	13	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Matrix	: SOIL		
LCS Sample ID	: WG1401428-3 Analysis Date : 08/21/20 05:52	File ID	: V00200821A01
LCSD Sample ID	: WG1401428-4 Analysis Date : 08/21/20 06:18	File ID	: V00200821A02

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Trichloroethene	40	39	96		40	35	88		9	70-130	30
1,2-Dichlorobenzene	40	38	94		40	36	89		5	70-130	30
1,3-Dichlorobenzene	40	39	97		40	36	90		7	70-130	30
1,4-Dichlorobenzene	40	38	94		40	35	87		8	70-130	30
Methyl tert butyl ether	40	38	94		40	36	91		3	66-130	30
p/m-Xylene	80	77	96		80	71	89		8	70-130	30
o-Xylene	80	75	94		80	70	87		8	70-130	30
cis-1,2-Dichloroethene	40	39	97		40	36	91		6	70-130	30
Styrene	80	75	94		80	71	89		5	70-130	30
Dichlorodifluoromethane	40	43	107		40	37	91		16	30-146	30
Acetone	40	37	93		40	34	84		10	54-140	30
Carbon disulfide	40	37	92		40	32	80		14	59-130	30
2-Butanone	40	27	68	Q	40	28	69	Q	1	70-130	30
4-Methyl-2-pentanone	40	32	79		40	32	80		1	70-130	30
2-Hexanone	40	32	80		40	31	76		5	70-130	30
Bromochloromethane	40	40	100		40	38	95		5	70-130	30
1,2-Dibromoethane	40	39	97		40	37	94		3	70-130	30
1,2-Dibromo-3-chloropropane	40	39	97		40	36	91		6	68-130	30
Isopropylbenzene	40	37	93		40	34	84		10	70-130	30
1,2,3-Trichlorobenzene	40	42	104		40	38	96		8	70-130	30
1,2,4-Trichlorobenzene	40	42	106		40	40	100		6	70-130	30
Methyl Acetate	40	31	78		40	31	76		3	51-146	30
Cyclohexane	40	41	103		40	37	92		11	59-142	30
1,4-Dioxane	2000	1800	92		2000	1900	94		2	65-136	30
Freon-113	40	47	118		40	41	103		14	50-139	30
Methyl cyclohexane	40	43	109		40	40	99		10	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Matrix	: SOIL		
LCS Sample ID	: WG1403079-3 Analysis Date : 08/26/20 07:06	File ID	: V00200826A01
LCSD Sample ID	: WG1403079-4 Analysis Date : 08/26/20 07:32	File ID	: V00200826A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	42	104	40	41	104	0	70-130	30
1,1-Dichloroethane	40	41	102	40	41	102	0	70-130	30
Chloroform	40	46	114	40	45	113	1	70-130	30
Carbon tetrachloride	40	49	123	40	49	124	1	70-130	30
1,2-Dichloropropane	40	40	100	40	40	99	1	70-130	30
Dibromochloromethane	40	42	105	40	42	104	1	70-130	30
1,1,2-Trichloroethane	40	38	96	40	38	95	1	70-130	30
Tetrachloroethene	40	53	132 Q	40	52	131 Q	1	70-130	30
Chlorobenzene	40	40	99	40	40	100	1	70-130	30
Trichlorofluoromethane	40	51	128	40	51	127	1	70-139	30
1,2-Dichloroethane	40	45	112	40	44	111	1	70-130	30
1,1,1-Trichloroethane	40	48	121	40	48	119	2	70-130	30
Bromodichloromethane	40	43	108	40	42	106	2	70-130	30
trans-1,3-Dichloropropene	40	40	99	40	39	98	1	70-130	30
cis-1,3-Dichloropropene	40	44	109	40	43	108	1	70-130	30
Bromoform	40	43	108	40	43	108	0	70-130	30
1,1,2,2-Tetrachloroethane	40	33	81	40	32	79	3	70-130	30
Benzene	40	42	105	40	41	103	2	70-130	30
Toluene	40	40	99	40	40	99	0	70-130	30
Ethylbenzene	40	40	100	40	40	100	0	70-130	30
Chloromethane	40	33	84	40	32	80	5	52-130	30
Bromomethane	40	45	113	40	44	111	2	57-147	30
Vinyl chloride	40	40	100	40	39	96	4	67-130	30
Chloroethane	40	42	105	40	41	103	2	50-151	30
1,1-Dichloroethene	40	44	110	40	43	107	3	65-135	30
trans-1,2-Dichloroethene	40	44	109	40	44	109	0	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Matrix	: SOIL		
LCS Sample ID	: WG1403079-3 Analysis Date : 08/26/20 07:06	File ID	: V00200826A01
LCSD Sample ID	: WG1403079-4 Analysis Date : 08/26/20 07:32	File ID	: V00200826A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	40	42	105	40	42	106	1	70-130	30
1,2-Dichlorobenzene	40	38	94	40	38	94	0	70-130	30
1,3-Dichlorobenzene	40	38	95	40	39	96	1	70-130	30
1,4-Dichlorobenzene	40	38	94	40	38	94	0	70-130	30
Methyl tert butyl ether	40	44	110	40	42	106	4	66-130	30
p/m-Xylene	80	79	99	80	80	100	1	70-130	30
o-Xylene	80	78	98	80	79	99	1	70-130	30
cis-1,2-Dichloroethene	40	44	109	40	44	109	0	70-130	30
Styrene	80	79	99	80	80	100	1	70-130	30
Dichlorodifluoromethane	40	41	102	40	39	97	5	30-146	30
Acetone	40	38	96	40	36	91	5	54-140	30
Carbon disulfide	40	39	97	40	38	95	2	59-130	30
2-Butanone	40	31	76	40	28	71	7	70-130	30
4-Methyl-2-pentanone	40	36	89	40	33	82	8	70-130	30
2-Hexanone	40	32	81	40	31	78	4	70-130	30
Bromochloromethane	40	46	115	40	45	113	2	70-130	30
1,2-Dibromoethane	40	42	105	40	42	104	1	70-130	30
1,2-Dibromo-3-chloropropane	40	41	102	40	40	99	3	68-130	30
Isopropylbenzene	40	35	87	40	35	88	1	70-130	30
1,2,3-Trichlorobenzene	40	46	115	40	47	117	2	70-130	30
1,2,4-Trichlorobenzene	40	47	118	40	48	120	2	70-130	30
Methyl Acetate	40	34	85	40	31	79	7	51-146	30
Cyclohexane	40	40	100	40	40	100	0	59-142	30
1,4-Dioxane	2000	2400	118	2000	2200	110	7	65-136	30
Freon-113	40	51	126	40	50	124	2	50-139	30
Methyl cyclohexane	40	44	110	40	43	108	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Matrix	: SOIL		
LCS Sample ID	: WG1403630-3 Analysis Date : 08/27/20 06:17	File ID	: V26200827A01
LCSD Sample ID	: WG1403630-4 Analysis Date : 08/27/20 06:56	File ID	: V26200827A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	37	92	40	37	92	0	70-130	30
1,1-Dichloroethane	40	37	93	40	36	90	3	70-130	30
Chloroform	40	41	103	40	41	102	1	70-130	30
Carbon tetrachloride	40	52	129	40	51	128	1	70-130	30
1,2-Dichloropropane	40	36	90	40	35	89	1	70-130	30
Dibromochloromethane	40	42	104	40	42	106	2	70-130	30
1,1,2-Trichloroethane	40	38	96	40	38	95	1	70-130	30
Tetrachloroethene	40	41	102	40	39	99	3	70-130	30
Chlorobenzene	40	37	93	40	36	91	2	70-130	30
Trichlorofluoromethane	40	53	133	40	52	130	2	70-139	30
1,2-Dichloroethane	40	43	108	40	43	107	1	70-130	30
1,1,1-Trichloroethane	40	48	119	40	47	117	2	70-130	30
Bromodichloromethane	40	45	112	40	45	112	0	70-130	30
trans-1,3-Dichloropropene	40	43	108	40	43	107	1	70-130	30
cis-1,3-Dichloropropene	40	43	107	40	43	108	1	70-130	30
Bromoform	40	41	101	40	41	104	3	70-130	30
1,1,2,2-Tetrachloroethane	40	36	89	40	37	91	2	70-130	30
Benzene	40	39	97	40	38	95	2	70-130	30
Toluene	40	38	94	40	36	91	3	70-130	30
Ethylbenzene	40	40	100	40	39	97	3	70-130	30
Chloromethane	40	40	99	40	37	93	6	52-130	30
Bromomethane	40	35	88	40	35	86	2	57-147	30
Vinyl chloride	40	45	112	40	43	107	5	67-130	30
Chloroethane	40	38	95	40	37	92	3	50-151	30
1,1-Dichloroethene	40	42	106	40	41	102	4	65-135	30
trans-1,2-Dichloroethene	40	40	101	40	39	98	3	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Matrix	: SOIL		
LCS Sample ID	: WG1403630-3 Analysis Date : 08/27/20 06:17	File ID	: V26200827A01
LCSD Sample ID	: WG1403630-4 Analysis Date : 08/27/20 06:56	File ID	: V26200827A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	40	42	104	40	41	102	2	70-130	30
1,2-Dichlorobenzene	40	37	92	40	36	90	2	70-130	30
1,3-Dichlorobenzene	40	37	91	40	36	90	1	70-130	30
1,4-Dichlorobenzene	40	37	92	40	36	90	2	70-130	30
Methyl tert butyl ether	40	45	113	40	46	115	2	66-130	30
p/m-Xylene	80	79	98	80	77	96	2	70-130	30
o-Xylene	80	76	95	80	74	93	2	70-130	30
cis-1,2-Dichloroethene	40	39	96	40	39	97	1	70-130	30
Styrene	80	78	98	80	77	96	2	70-130	30
Dichlorodifluoromethane	40	67	168 Q	40	62	155 Q	8	30-146	30
Acetone	40	29	73	40	30	74	1	54-140	30
Carbon disulfide	40	34	84	40	33	82	2	59-130	30
2-Butanone	40	38	94	40	37	92	2	70-130	30
4-Methyl-2-pentanone	40	35	88	40	36	89	1	70-130	30
2-Hexanone	40	39	97	40	38	96	1	70-130	30
Bromochloromethane	40	39	98	40	39	98	0	70-130	30
1,2-Dibromoethane	40	40	99	40	40	100	1	70-130	30
1,2-Dibromo-3-chloropropane	40	38	96	40	39	96	0	68-130	30
Isopropylbenzene	40	37	93	40	37	92	1	70-130	30
1,2,3-Trichlorobenzene	40	38	94	40	38	95	1	70-130	30
1,2,4-Trichlorobenzene	40	38	95	40	38	96	1	70-130	30
Methyl Acetate	40	35	87	40	34	85	2	51-146	30
Cyclohexane	40	40	99	40	38	96	3	59-142	30
1,4-Dioxane	2000	2200	108	2000	2100	107	1	65-136	30
Freon-113	40	47	117	40	46	114	3	50-139	30
Methyl cyclohexane	40	44	110	40	42	105	5	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Matrix	: SOIL		
LCS Sample ID	: WG1403701-3 Analysis Date : 08/27/20 06:17	File ID	: V26200827A01
LCSD Sample ID	: WG1403701-4 Analysis Date : 08/27/20 06:56	File ID	: V26200827A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	1800	92	2000	1800	92	0	70-130	30
1,1-Dichloroethane	2000	1900	93	2000	1800	90	3	70-130	30
Chloroform	2000	2100	103	2000	2000	102	1	70-130	30
Carbon tetrachloride	2000	2600	129	2000	2600	128	1	70-130	30
1,2-Dichloropropane	2000	1800	90	2000	1800	89	1	70-130	30
Dibromochloromethane	2000	2100	104	2000	2100	106	2	70-130	30
1,1,2-Trichloroethane	2000	1900	96	2000	1900	95	1	70-130	30
Tetrachloroethene	2000	2000	102	2000	2000	99	3	70-130	30
Chlorobenzene	2000	1900	93	2000	1800	91	2	70-130	30
Trichlorofluoromethane	2000	2700	133	2000	2600	130	2	70-139	30
1,2-Dichloroethane	2000	2200	108	2000	2200	107	1	70-130	30
1,1,1-Trichloroethane	2000	2400	119	2000	2300	117	2	70-130	30
Bromodichloromethane	2000	2200	112	2000	2200	112	0	70-130	30
trans-1,3-Dichloropropene	2000	2200	108	2000	2100	107	1	70-130	30
cis-1,3-Dichloropropene	2000	2100	107	2000	2200	108	1	70-130	30
Bromoform	2000	2000	101	2000	2100	104	3	70-130	30
1,1,2,2-Tetrachloroethane	2000	1800	89	2000	1800	91	2	70-130	30
Benzene	2000	1900	97	2000	1900	95	2	70-130	30
Toluene	2000	1900	94	2000	1800	91	3	70-130	30
Ethylbenzene	2000	2000	100	2000	1900	97	3	70-130	30
Chloromethane	2000	2000	99	2000	1900	93	6	52-130	30
Bromomethane	2000	1800	88	2000	1700	86	2	57-147	30
Vinyl chloride	2000	2200	112	2000	2100	107	5	67-130	30
Chloroethane	2000	1900	95	2000	1800	92	3	50-151	30
1,1-Dichloroethene	2000	2100	106	2000	2000	102	4	65-135	30
trans-1,2-Dichloroethene	2000	2000	101	2000	2000	98	3	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Matrix	: SOIL		
LCS Sample ID	: WG1403701-3 Analysis Date : 08/27/20 06:17	File ID	: V26200827A01
LCSD Sample ID	: WG1403701-4 Analysis Date : 08/27/20 06:56	File ID	: V26200827A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	2000	2100	104	2000	2000	102	2	70-130	30
1,2-Dichlorobenzene	2000	1800	92	2000	1800	90	2	70-130	30
1,3-Dichlorobenzene	2000	1800	91	2000	1800	90	1	70-130	30
1,4-Dichlorobenzene	2000	1800	92	2000	1800	90	2	70-130	30
Methyl tert butyl ether	2000	2300	113	2000	2300	115	2	66-130	30
p/m-Xylene	4000	3900	98	4000	3800	96	2	70-130	30
o-Xylene	4000	3800	95	4000	3700	93	2	70-130	30
cis-1,2-Dichloroethene	2000	1900	96	2000	1900	97	1	70-130	30
Styrene	4000	3900	98	4000	3900	96	2	70-130	30
Dichlorodifluoromethane	2000	3400	168 Q	2000	3100	155 Q	8	30-146	30
Acetone	2000	1500	73	2000	1500	74	1	54-140	30
Carbon disulfide	2000	1700	84	2000	1600	82	2	59-130	30
2-Butanone	2000	1900	94	2000	1800	92	2	70-130	30
4-Methyl-2-pentanone	2000	1800	88	2000	1800	89	1	70-130	30
2-Hexanone	2000	1900	97	2000	1900	96	1	70-130	30
Bromochloromethane	2000	2000	98	2000	2000	98	0	70-130	30
1,2-Dibromoethane	2000	2000	99	2000	2000	100	1	70-130	30
1,2-Dibromo-3-chloropropane	2000	1900	96	2000	1900	96	0	68-130	30
Isopropylbenzene	2000	1900	93	2000	1900	92	1	70-130	30
1,2,3-Trichlorobenzene	2000	1900	94	2000	1900	95	1	70-130	30
1,2,4-Trichlorobenzene	2000	1900	95	2000	1900	96	1	70-130	30
Methyl Acetate	2000	1700	87	2000	1700	85	2	51-146	30
Cyclohexane	2000	2000	99	2000	1900	96	3	59-142	30
1,4-Dioxane	100000	110000	108	100000	110000	107	1	65-136	30
Freon-113	2000	2300	117	2000	2300	114	3	50-139	30
Methyl cyclohexane	2000	2200	110	2000	2100	105	5	70-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Client Sample ID	: SOIL-B-308	Matrix	: SOIL
Lab Sample ID	: L2033945-16	Analysis Date	: 08/27/20 09:48
Matrix Spike	: WG1403565-6	MS Analysis Date	: 08/27/20 12:25
Matrix Spike Dup	: WG1403565-7	MSD Analysis Date	: 08/27/20 12:51

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	300000	260000	86		300000	270000	91		6	70-130	30
1,1-Dichloroethane	ND	300000	270000	91		300000	290000	95		5	70-130	30
Chloroform	ND	300000	290000	97		300000	300000	101		4	70-130	30
Carbon tetrachloride	ND	300000	360000	118		300000	380000	126		6	70-130	30
1,2-Dichloropropane	ND	300000	300000	99		300000	300000	100		1	70-130	30
Dibromochloromethane	ND	300000	300000	99		300000	300000	100		1	70-130	30
1,1,2-Trichloroethane	ND	300000	510000	170	Q	300000	610000	202	Q	17	70-130	30
Tetrachloroethene	ND	300000	290000	95		300000	280000	92		3	70-130	30
Chlorobenzene	ND	300000	300000	100		300000	290000	97		3	70-130	30
Trichlorofluoromethane	ND	300000	260000	86		300000	260000	86		0	70-139	30
1,2-Dichloroethane	ND	300000	300000	99		300000	300000	100		2	70-130	30
1,1,1-Trichloroethane	ND	300000	310000	105		300000	330000	109		4	70-130	30
Bromodichloromethane	ND	300000	310000	103		300000	320000	105		2	70-130	30
trans-1,3-Dichloropropene	ND	300000	260000	88		300000	260000	88		0	70-130	30
cis-1,3-Dichloropropene	ND	300000	330000	109		300000	330000	110		1	70-130	30
Bromoform	ND	300000	290000	95		300000	290000	98		3	70-130	30
1,1,2,2-Tetrachloroethane	ND	300000	270000	91		300000	310000	103		13	70-130	30
Benzene	530J	300000	310000	102		300000	320000	105		3	70-130	30
Toluene	ND	300000	280000	93		300000	270000	91		2	70-130	30
Ethylbenzene	430J	300000	310000	103		300000	290000	96		7	70-130	30
Chloromethane	ND	300000	250000	84		300000	290000	97		14	52-130	30
Bromomethane	ND	300000	250000	83		300000	260000	87		5	57-147	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Client Sample ID	: SOIL-B-308	Matrix	: SOIL
Lab Sample ID	: L2033945-16	Analysis Date	: 08/27/20 09:48
Matrix Spike	: WG1403565-6	MS Analysis Date	: 08/27/20 12:25
Matrix Spike Dup	: WG1403565-7	MSD Analysis Date	: 08/27/20 12:51

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Vinyl chloride	ND	300000	210000	71	300000	220000	72	1	67-130	30
Chloroethane	ND	300000	230000	76	300000	220000	75	1	50-151	30
1,1-Dichloroethene	ND	300000	300000	100	300000	320000	106	6	65-135	30
trans-1,2-Dichloroethene	ND	300000	320000	108	300000	340000	113	5	70-130	30
Trichloroethene	ND	300000	310000	105	300000	320000	107	2	70-130	30
1,2-Dichlorobenzene	ND	300000	300000	101	300000	290000	96	4	70-130	30
1,3-Dichlorobenzene	ND	300000	300000	100	300000	280000	94	6	70-130	30
1,4-Dichlorobenzene	660J	300000	290000	97	300000	280000	92	6	70-130	30
Methyl tert butyl ether	ND	300000	300000	101	300000	320000	106	5	66-130	30
p/m-Xylene	ND	600000	620000	103	600000	570000	95	8	70-130	30
o-Xylene	ND	600000	710000	119	600000	690000	114	4	70-130	30
cis-1,2-Dichloroethene	ND	300000	290000	97	300000	310000	102	5	70-130	30
Styrene	760J	600000	520000	86	600000	490000	82	5	70-130	30
Dichlorodifluoromethane	ND	300000	350000	117	300000	410000	135	15	30-146	30
Acetone	ND	300000	340000	112	300000	330000	108	3	54-140	30
Carbon disulfide	ND	300000	250000	82	300000	260000	86	5	59-130	30
2-Butanone	ND	300000	290000	97	300000	300000	99	2	70-130	30
4-Methyl-2-pentanone	ND	300000	270000	91	300000	280000	95	4	70-130	30
2-Hexanone	ND	300000	310000	103	300000	330000	108	5	70-130	30
Bromochloromethane	ND	300000	310000	103	300000	320000	107	4	70-130	30
1,2-Dibromoethane	ND	300000	290000	98	300000	290000	97	1	70-130	30
1,2-Dibromo-3-chloropropane	ND	300000	350000	115	300000	360000	119	3	68-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Client Sample ID	: SOIL-B-308	Matrix	: SOIL
Lab Sample ID	: L2033945-16	Analysis Date	: 08/27/20 09:48
Matrix Spike	: WG1403565-6	MS Analysis Date	: 08/27/20 12:25
Matrix Spike Dup	: WG1403565-7	MSD Analysis Date	: 08/27/20 12:51

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/kg)	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	Spike Added (ug/kg)	Spike Conc. (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Isopropylbenzene	31000	300000	340000	104	300000	330000	99	5	70-130	30
1,2,3-Trichlorobenzene	ND	300000	310000	102	300000	290000	97	5	70-130	30
1,2,4-Trichlorobenzene	ND	300000	320000	105	300000	300000	100	6	70-130	30
Methyl Acetate	ND	300000	260000	86	300000	270000	88	3	51-146	30
Cyclohexane	2000J	300000	340000	114	300000	350000	118	3	59-142	30
1,4-Dioxane	ND	15000000	17000000	115	15000000	17000000	115	0	65-136	30
Freon-113	ND	300000	290000	95	300000	300000	101	6	50-139	30
Methyl cyclohexane	20000	300000	380000	121	300000	390000	124	3	70-130	30

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: WG1401428-5	Date Collected	: NA
Client ID	: WG1401428-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/21/20 07:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A04	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: WG1401428-5	Date Collected	: NA
Client ID	: WG1401428-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/21/20 07:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A04	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	0.18	2.0	0.17	J
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	0.74	2.0	0.32	J
120-82-1	1,2,4-Trichlorobenzene	0.54	2.0	0.27	J
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: WG1401428-5	Date Collected	: NA
Client ID	: WG1401428-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/21/20 07:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A04	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: WG1403630-5	Date Collected	: NA
Client ID	: WG1403630-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/27/20 08:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V26200827A04	Instrument ID	: VOA126
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	1.0	2.0	0.58	J
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: WG1403630-5	Date Collected	: NA
Client ID	: WG1403630-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/27/20 08:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V26200827A04	Instrument ID	: VOA126
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.0	0.20	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.0	0.32	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
123-91-1	1,4-Dioxane	ND	80	35.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: WG1403630-5	Date Collected	: NA
Client ID	: WG1403630-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/27/20 08:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V26200827A04	Instrument ID	: VOA126
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: WG1403701-5	Date Collected	: NA
Client ID	: WG1403701-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/27/20 08:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V26200827A04	Instrument ID	: VOA126
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	52	100	29.	J
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: WG1403701-5	Date Collected	: NA
Client ID	: WG1403701-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/27/20 08:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V26200827A04	Instrument ID	: VOA126
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
74-97-5	Bromochloromethane	ND	100	10.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
87-61-6	1,2,3-Trichlorobenzene	ND	100	16.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
123-91-1	1,4-Dioxane	ND	4000	1800	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: WG1403701-5	Date Collected	: NA
Client ID	: WG1403701-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 08/27/20 08:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V26200827A04	Instrument ID	: VOA126
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Initial Calibration Summary
Form 6
Volatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **VOA126**	**Ical Ref**	: **ICAL16859**
Calibration dates	: **06/04/20 18:10 06/04/20 23:30**		

Calibration Files

L0 =V26200604N03.D L1 =V26200604N04.D L1.5=V26200604N05.D L2 =V26200604N06.D L3 =V26200604N07.D

L4 =V26200604N08.D L6 =V26200604N09.D L7 =V26200604N10.D L8 =V26200604N11.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane		0.144	0.137	0.120	0.142	0.157	0.163	0.168	0.160	0.149	10.97
3)	TP	Chlorodifluoro		0.421	0.384	0.362	0.346	0.356	0.370	0.368	0.349	0.370	6.55
4)	TP	Chloromethane			0.360	0.270	0.267	0.278	0.274	0.286	0.286	0.289	11.16
5)	TC	Vinyl chloride		0.226	0.222	0.179	0.215	0.231	0.224	0.225	0.207	0.216	7.66
6)	TP	Bromomethane			0.201	0.148	0.145	0.159	0.156	0.158	0.146	0.159	12.08
7)	TP	Chloroethane		0.160	0.179	0.144	0.161	0.182	0.178	0.175	0.165	0.168	7.64
8)	TP	Trichlorofluoromethane		0.294	0.286	0.239	0.283	0.315	0.323	0.333	0.316	0.299	10.11
9)	TP	Ethyl ether		0.089	0.100	0.087	0.092	0.106	0.109	0.110	0.107	0.100	9.38
11)	TC	1,1-Dichloroethene		0.181	0.183	0.150	0.172	0.192	0.196	0.200	0.189	0.183	8.70
12)	TP	Carbon disulfide				0.691	0.581	0.608	0.596	0.594	0.559	0.605	7.49
13)	TP	Freon-113		0.164	0.163	0.143	0.170	0.187	0.196	0.201	0.191	0.177	11.25
14)	TP	Iodomethane				0.115	0.140	0.193	0.216	0.200		*L	0.9950
15)	TP	Acrolein			0.036	0.029	0.032	0.038	0.039	0.039	0.039	0.036#	11.13
16)	TP	Allyl chloride		0.118	0.125	0.120	0.120	0.130	0.134	0.131	0.120	0.125	4.85
17)	TP	Methylene chloride			0.295	0.218	0.200	0.224	0.225	0.223	0.211	0.228	13.50
19)	TP	Acetone		0.203	0.141	0.099	0.067	0.070	0.066	0.061	0.057	0.096	0.9974
20)	TP	trans-1,2-Dichloroethene		0.221	0.225	0.183	0.205	0.230	0.229	0.230	0.217	0.218	7.45
21)	TP	Methyl acetate		0.147	0.156	0.133	0.128	0.152	0.160	0.159	0.158	0.149	8.24
22)	TP	Hexane		0.529	0.476	0.459	0.458	0.476	0.499	0.505	0.477	0.485	5.00
23)	TP	Methyl tert butyl ether		0.476	0.513	0.430	0.455	0.528	0.545	0.549	0.534	0.504	8.87
24)	TP	Tert-Butyl Alcohol			0.023	0.020	0.019	0.024	0.025	0.025	0.026	0.023#	11.73
25)	TP	Diisopropyl ether		0.939	0.982	0.791	0.853	0.964	0.984	0.982	0.923	0.927	7.59
26)	TP	1,1-Dichloroethane		0.487	0.498	0.403	0.424	0.480	0.483	0.479	0.453	0.463	7.27
27)	TP	Halothane		0.164	0.166	0.134	0.155	0.175	0.176	0.180	0.171	0.165	9.03
28)	TP	Acrylonitrile		0.057	0.078	0.063	0.068	0.079	0.081	0.079	0.078	0.073	12.18
29)	TP	Ethyl tert-but		0.777	0.811	0.669	0.723	0.831	0.865	0.872	0.836	0.798	8.90
30)	TP	Vinyl acetate		0.390	0.415	0.346	0.374	0.450	0.475	0.486	0.475	0.426	12.31
31)	TP	cis-1,2-Dichloroethene		0.263	0.266	0.212	0.222	0.245	0.248	0.251	0.235	0.243	7.76
32)	TP	2,2-Dichloropropane		0.305	0.304	0.249	0.278	0.318	0.323	0.331	0.317	0.303	8.91
33)	TP	Bromochloromethane		0.099	0.115	0.090	0.096	0.109	0.109	0.108	0.102	0.104	7.83
34)	TP	Cyclohexane		0.453	0.425	0.378	0.436	0.491	0.506	0.513	0.483	0.461	10.07
35)	TC	Chloroform		0.496	0.462	0.357	0.361	0.406	0.409	0.410	0.389	0.411	11.50
36)	TP	Ethyl acetate		0.171	0.194	0.157	0.164	0.193	0.197	0.195	0.193	0.183	8.82
37)	TP	Carbon tetrachloride		0.274	0.275	0.233	0.282	0.317	0.329	0.337	0.322	0.296	12.12
38)	TP	Tetrahydrofuran		0.058	0.059	0.050	0.050	0.059	0.061	0.061	0.061	0.057	8.22

Initial Calibration Summary
Form 6
Volatiles

Client	: CHA Companies	**Lab Number**	: L2033945
Project Name	: FORMER COYNE TEXTILE	**Project Number**	: 59294
Instrument ID	: VOA126	**Ical Ref**	: ICAL16859
Calibration dates	: 06/04/20 18:10 06/04/20 23:30		

Calibration Files

L0 =V26200604N03.D L1 =V26200604N04.D L1.5=V26200604N05.D L2 =V26200604N06.D L3 =V26200604N07.D

L4 =V26200604N08.D L6 =V26200604N09.D L7 =V26200604N10.D L8 =V26200604N11.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
39)	S	Dibromofluoromethane	0.261	0.257	0.263	0.261	0.258	0.260	0.261	0.261	0.257	0.260	0.74
40)	TP	1,1,1-Trichloroethane	0.294	0.335	0.361	0.287	0.320	0.362	0.366	0.370	0.353	0.339	9.36
42)	TP	2-Butanone		0.085	0.088	0.078	0.076	0.090	0.093	0.092	0.093	0.087#	7.72
43)	TP	1,1-Dichloropropene	0.272	0.278	0.275	0.228	0.263	0.298	0.301	0.306	0.292	0.279	8.67
44)	TP	Heptane		0.231	0.229	0.221	0.214	0.225	0.230	0.239	0.228	0.227	3.22
45)	TP	Benzene	0.920	0.974	0.953	0.756	0.795	0.902	0.903	0.901	0.843	0.883	8.13
46)	TP	Tertiary-Amyl Methyl Ether		0.515	0.546	0.456	0.493	0.571	0.598	0.607	0.588	0.547	9.91
47)	S	1,2-Dichloroethane-d4	0.265	0.258	0.262	0.261	0.256	0.262	0.269	0.265	0.278	0.264	2.49
48)	TP	1,2-Dichloroet		0.342	0.344	0.275	0.282	0.320	0.326	0.326	0.309	0.315	8.09
51)	TP	Methyl cyclohe		0.318	0.306	0.271	0.321	0.359	0.375	0.384	0.368	0.338	11.78
52)	TP	Trichloroethene	0.208	0.245	0.241	0.193	0.213	0.242	0.244	0.246	0.235	0.230	8.59
54)	TP	Dibromomethane		0.117	0.127	0.106	0.108	0.123	0.126	0.126	0.122	0.119	6.97
55)	TC	1,2-Dichloropr		0.283	0.282	0.229	0.245	0.281	0.286	0.287	0.272	0.271	8.02
57)	TP	2-Chloroethyl					0.090	0.114	0.127	0.132	0.131	0.119	14.78
58)	TP	Bromodichloromethane	0.272	0.301	0.300	0.248	0.267	0.309	0.322	0.325	0.311	0.295	9.01
60)	TP	Methyl methacr		0.118	0.118	0.112	0.123	0.128	0.134	0.134	0.133	0.125	6.81
61)	TP	1,4-Dioxane		0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	13.08
62)	TP	cis-1,3-Dichloropropene	0.318	0.321	0.331	0.277	0.299	0.349	0.367	0.373	0.357	0.332	9.68
63)	I	Chlorobenzene-d5	----------ISTD----------										
64)	TP	Octane		0.255	0.251	0.243	0.263	0.282	0.287	0.306	0.301	0.273	8.72
65)	S	Toluene-d8	1.248	1.252	1.242	1.245	1.253	1.253	1.241	1.252	1.255	1.249	0.42
66)	TC	Toluene		0.769	0.726	0.569	0.624	0.695	0.694	0.699	0.666	0.680	9.06
67)	TP	4-Methyl-2-pen		0.090	0.090	0.082	0.089	0.105	0.110	0.112	0.113	0.099#	12.39
68)	TP	Tetrachloroethene	0.295	0.307	0.307	0.251	0.275	0.299	0.294	0.299	0.287	0.290	6.17
69)	TP	2-Nitropropane		0.044	0.045	0.042	0.046	0.049	0.053	0.057	0.059	0.049	12.47
71)	TP	trans-1,3-Dich		0.317	0.329	0.268	0.297	0.349	0.365	0.376	0.368	0.334	11.45
72)	TP	Methyl isothio				0.086	0.109	0.125	0.141	0.146	0.151	*L	0.9979
74)	TP	Ethyl methacry		0.227	0.233	0.208	0.239	0.285	0.293	0.296	0.290	0.259	13.78
75)	TP	1,1,2-Trichlor		0.167	0.175	0.149	0.154	0.175	0.179	0.181	0.177	0.170	7.22
76)	TP	Chlorodibromomethane	0.202	0.227	0.243	0.203	0.225	0.267	0.280	0.285	0.279	0.246	13.54
77)	TP	1,3-Dichloropr		0.356	0.364	0.296	0.314	0.361	0.369	0.370	0.361	0.349	8.00
78)	TP	1,2-Dibromoethane		0.185	0.192	0.161	0.175	0.203	0.210	0.215	0.209	0.194	9.82
79)	TP	n-Butyl Acetate		0.427	0.427	0.399	0.461	0.476	0.480	0.467	0.456	0.449	6.35
80)	TP	2-Hexanone		0.159	0.154	0.138	0.150	0.175	0.184	0.182	0.184	0.166	10.71
81)	TP	Nonane		0.622	0.618	0.570	0.608	0.678	0.701	0.760	0.740	0.662	10.29
82)	TP	Chlorobenzene	0.791	0.855	0.825	0.652	0.683	0.769	0.772	0.772	0.733	0.761	8.40

Initial Calibration Summary
Form 6
Volatiles

Client	: CHA Companies	**Lab Number**	: L2033945
Project Name	: FORMER COYNE TEXTILE	**Project Number**	: 59294
Instrument ID	: VOA126	**Ical Ref**	: ICAL16859
Calibration dates	: 06/04/20 18:10 06/04/20 23:30		

Calibration Files
L0 =V26200604N03.D L1 =V26200604N04.D L1.5=V26200604N05.D L2 =V26200604N06.D L3 =V26200604N07.D
L4 =V26200604N08.D L6 =V26200604N09.D L7 =V26200604N10.D L8 =V26200604N11.D

		Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
83)	TC	Ethylbenzene		1.369	1.358	1.068	1.196	1.343	1.324	1.324	1.249	1.279	8.09
84)	TP	1,1,1,2-Tetrachloroethane	0.209	0.261	0.254	0.215	0.241	0.275	0.283	0.286	0.273	0.255	11.09
85)	TP	p/m Xylene	0.476	0.530	0.519	0.413	0.466	0.517	0.511	0.507	0.476	0.491	7.50
86)	TP	o Xylene	0.431	0.484	0.493	0.401	0.443	0.497	0.496	0.492	0.462	0.467	7.42
87)	TP	Styrene	0.724	0.783	0.805	0.659	0.736	0.838	0.842	0.827	0.774	0.776	7.84
88)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
89)	TP	Bromoform		0.251	0.261	0.223	0.248	0.295	0.311	0.319	0.315	0.278	13.22
91)	TP	Isopropylbenzene		2.516	2.456	1.988	2.292	2.535	2.504	2.530	2.414	2.404	7.77
92)	S	4-Bromofluorobenzene	0.964	0.964	0.973	0.977	0.977	0.979	0.978	0.967	0.986	0.974	0.77
93)	TP	Bromobenzene		0.610	0.640	0.511	0.536	0.600	0.597	0.600	0.574	0.583	7.17
94)	TP	Decane		1.497	1.440	1.309	1.385	1.545	1.618	1.691	1.597	1.510	8.46
95)	TP	n-Propylbenzene		3.004	2.982	2.362	2.720	3.007	2.979	3.000	2.844	2.862	7.91
96)	TP	1,4-Dichlorobu		0.830	0.894	0.730	0.749	0.859	0.871	0.878	0.855	0.833	7.31
97)	TP	1,1,2,2-Tetrachloroethane	0.423	0.456	0.484	0.407	0.423	0.488	0.494	0.501	0.498	0.464	7.99
98)	TP	4-Ethyltoluene		2.497	2.502	1.951	2.240	2.497	2.470	2.512	2.382	2.381	8.26
99)	TP	2-Chlorotoluene		2.036	2.024	1.610	1.771	1.967	1.943	1.952	1.851	1.894	7.61
100)	TP	1,3,5-Trimethy		2.075	2.161	1.685	1.909	2.125	2.087	2.111	1.995	2.019	7.76
101)	TP	1,2,3-Trichlor		0.349	0.366	0.306	0.317	0.359	0.362	0.364	0.363	0.348	6.69
102)	TP	trans-1,4-Dich		0.144	0.149	0.129	0.135	0.163	0.173	0.178	0.175	0.156	12.18
103)	TP	4-Chlorotoluene		1.922	1.950	1.511	1.642	1.825	1.823	1.830	1.744	1.781	8.17
104)	TP	tert-Butylbenzene		1.697	1.703	1.412	1.635	1.827	1.814	1.843	1.745	1.709	8.22
107)	TP	1,2,4-Trimethy		2.118	2.158	1.683	1.904	2.102	2.092	2.125	1.999	2.023	7.90
108)	TP	Limonene				0.608	0.704	0.759	0.804	0.829	0.790	0.749	10.86
109)	TP	sec-Butylbenzene		2.581	2.565	2.076	2.461	2.734	2.720	2.768	2.604	2.564	8.67
110)	TP	p-Isopropyltol		2.243	2.270	1.818	2.110	2.348	2.320	2.355	2.203	2.208	8.05
111)	TP	1,3-Dichlorobe		1.281	1.268	0.981	1.058	1.189	1.188	1.196	1.120	1.160	8.82
112)	TP	1,4-Dichlorobe		1.268	1.252	0.982	1.052	1.171	1.170	1.178	1.101	1.147	8.47
113)	TP	trans-Decahydr		0.610	0.620	0.570	0.593	0.632	0.646	0.679	0.650	0.625	5.51
114)	TP	Undecane		1.594	1.499	1.345	1.426	1.608	1.608	1.541	1.368	1.498	7.16
115)	TP	p-Diethylbenzene		1.411	1.454	1.107	1.286	1.436	1.403	1.402	1.308	1.351	8.52
116)	TP	n-Butylbenzene		2.612	2.639	2.082	2.405	2.668	2.610	2.627	2.455	2.512	7.86
117)	TP	Hexachloroethane		0.403	0.395	0.373	0.433	0.458	0.481	0.493	0.469	0.438	10.06
118)	TP	1,2-Dichlorobe		1.114	1.115	0.901	0.949	1.076	1.078	1.085	1.020	1.042	7.60
119)	TP	cis-Decahydron		0.472	0.468	0.423	0.464	0.505	0.517	0.534	0.514	0.487	7.47
120)	TP	1,2,4,5-Tetram		1.915	2.010	1.648	1.913	2.211	2.180	2.165	2.065	2.013	9.31
121)	TP	1,2-Dibromo-3-			0.068	0.057	0.062	0.078	0.081	0.083	0.083	0.073	14.57

Initial Calibration Summary
Form 6
Volatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **VOA126**	**Ical Ref**	: **ICAL16859**
Calibration dates	: **06/04/20 18:10 06/04/20 23:30**		

Calibration Files

L0 =V26200604N03.D L1 =V26200604N04.D L1.5=V26200604N05.D L2 =V26200604N06.D L3 =V26200604N07.D

L4 =V26200604N08.D L6 =V26200604N09.D L7 =V26200604N10.D L8 =V26200604N11.D

Compound	L0	L1	L1.5	L2	L3	L4	L6	L7	L8	Avg	%RSD
122) TP 1,3,5-Trichlor		0.866	0.865	0.663	0.747	0.855	0.819	0.823	0.778	0.802	8.75
123) TP Nitrobenzene				0.020	0.026	0.030	0.033	0.036	0.039	*L	0.9947
124) TP Hexachlorobuta		0.386	0.386	0.286	0.359	0.398	0.382	0.398	0.387	0.373	9.95
125) TP 1,2,4-Trichlor		0.803	0.785	0.592	0.670	0.771	0.730	0.742	0.706	0.725	9.50
126) TP Naphthalene		1.544	1.560	1.241	1.342	1.604	1.554	1.566	1.529	1.493	8.63
127) TP 1,2,3-Trichlor		0.686	0.694	0.556	0.594	0.678	0.650	0.661	0.632	0.644	7.48

Initial Calibration Summary
Form 6
Volatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **VOA117**	**Ical Ref**	: **ICAL16958**
Calibration dates	: **07/10/20 17:00 07/10/20 20:28**		

Calibration Files

L1 =V17200710N04.D L2 =V17200710N06.D L3 =V17200710N07.D L4 =V17200710N08.D L6 =V17200710N09.D

L7 =V17200710N10.D L8 =V17200710N11.D L0 =V17200710N03.D L1.5=V17200710N05.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane	0.212	0.239	0.189	0.182	0.176	0.170	0.163		0.192	0.190	12.99
3)	TP	Chloromethane	0.231	0.256	0.189	0.177	0.171	0.158	0.157		0.226	0.196	18.95
4)	TC	Vinyl chloride	0.561	0.658	0.516	0.499	0.474	0.431	0.382		0.542	0.508	16.60
5)	TP	Bromomethane		0.601	0.424	0.410	0.403	0.399	0.402		0.605	*L	0.9997
6)	TP	Chloroethane	0.500	0.553	0.439	0.425	0.418	0.347			0.492	0.454	14.80
7)	TP	Trichlorofluoromethane	1.091	1.299	1.027	0.994	0.955	0.921	0.866		1.069	1.028	12.93
8)	TP	Ethyl ether	0.325	0.341	0.297	0.291	0.283	0.265	0.256		0.317	0.297	9.88
10)	TC	1,1-Dichloroethene	0.195	0.232	0.193	0.184	0.188	0.186	0.186		0.194	0.195	7.94
11)	TP	Carbon disulfide	0.624	0.682	0.533	0.524	0.537	0.521	0.529		0.604	0.569	10.56
12)	TP	Freon-113	0.203	0.255	0.216	0.204	0.203	0.208	0.201		0.213	0.213	8.38
14)	TP	Acrolein		0.009	0.011	0.010	0.011	0.011	0.011			0.011#	7.11
15)	TP	Methylene chloride	0.243	0.251	0.215	0.209	0.212	0.204	0.207		0.311	0.231	15.75
17)	TP	Acetone		0.034	0.027	0.024	0.022	0.021	0.021			0.025	0.9989
18)	TP	trans-1,2-Dichloroethene	0.213	0.242	0.208	0.205	0.214	0.211	0.215		0.212	0.215	5.37
19)	TP	Methyl acetate	0.059	0.076	0.070	0.065	0.066	0.066	0.066		0.064	0.066#	7.37
20)	TP	Methyl tert-butyl ether	0.380	0.433	0.411	0.415	0.440	0.439	0.448		0.382	0.418	6.28
21)	TP	tert-Butyl alcohol	0.011	0.012	0.011	0.011	0.012	0.011	0.012		0.010	0.011#	5.69
22)	TP	Diisopropyl ether	0.399	0.454	0.450	0.467	0.498	0.502	0.520		0.391	0.460	10.21
23)	TP	1,1-Dichloroethane	0.366	0.416	0.350	0.349	0.357	0.345	0.348		0.363	0.362	6.40
24)	TP	Halothane	0.190	0.216	0.179	0.176	0.176	0.176	0.175		0.170	0.182	8.18
25)	TP	Acrylonitrile		0.027	0.034	0.033	0.035	0.034	0.034		0.024	0.032#	12.77
26)	TP	Ethyl tert-butyl ether	0.377	0.458	0.478	0.493	0.531	0.561	0.595		0.392	0.486	15.77
27)	TP	Vinyl acetate	0.220	0.268	0.284	0.301	0.331	0.352	0.373		0.213	0.292	19.93
28)	TP	cis-1,2-Dichloroethene	0.259	0.283	0.252	0.255	0.265	0.263	0.269		0.245	0.261	4.47
29)	TP	2,2-Dichloropropane	0.316	0.349	0.295	0.295	0.307	0.304	0.303		0.300	0.309	5.74
30)	TP	Bromochloromethane	0.113	0.128	0.112	0.112	0.116	0.116	0.120		0.112	0.116	4.77
31)	TP	Cyclohexane	0.206	0.303	0.274	0.283	0.298	0.305	0.297		0.235	0.275	13.16
32)	TC	Chloroform	0.394	0.466	0.397	0.381	0.391	0.378	0.382		0.409	0.400	7.15
33)	TP	Ethyl acetate		0.101	0.099	0.100	0.104	0.102	0.104		0.083	0.099	7.48
34)	TP	Carbon tetrachloride	0.291	0.369	0.302	0.304	0.308	0.310	0.302		0.296	0.310	7.94
35)	TP	Tetrahydrofuran		0.029	0.028	0.029	0.029	0.027	0.027		0.023	*L	0.9989
36)	S	Dibromofluoromethane	0.270	0.264	0.261	0.255	0.258	0.256	0.257	0.271	0.264	0.262	2.22
37)	TP	1,1,1-Trichloroethane	0.342	0.407	0.336	0.339	0.344	0.338	0.330	0.403	0.340	0.353	8.41
39)	TP	2-Butanone		0.041	0.041	0.041	0.040	0.040	0.040		0.026	0.037	0.9996
40)	TP	1,1-Dichloropropene	0.228	0.300	0.269	0.273	0.288	0.282	0.278	0.283	0.251	0.273	7.87

Initial Calibration Summary
Form 6
Volatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **VOA117**	**Ical Ref**	: **ICAL16958**
Calibration dates	: **07/10/20 17:00 07/10/20 20:28**		

Calibration Files

L1 =V17200710N04.D L2 =V17200710N06.D L3 =V17200710N07.D L4 =V17200710N08.D L6 =V17200710N09.D

L7 =V17200710N10.D L8 =V17200710N11.D L0 =V17200710N03.D L1.5=V17200710N05.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
41)	TP	Benzene	0.797	0.954	0.834	0.849	0.898	0.877	0.891	0.921	0.816	0.871	5.87
42)	TP	tert-Amyl methyl ether	0.354	0.444	0.454	0.475	0.519	0.536	0.557		0.356	0.462	16.60
43)	S	1,2-Dichloroethane-d4	0.211	0.216	0.211	0.207	0.219	0.226	0.240	0.212	0.212	0.217	4.74
44)	TP	1,2-Dichloroethane-d4	0.232	0.250	0.226	0.224	0.234	0.230	0.231		0.225	0.231	3.52
47)	TP	Methyl cyclohexane	0.261	0.397	0.352	0.362	0.394	0.417	0.421		0.298	0.363	15.85
48)	TP	Trichloroethene	0.247	0.272	0.236	0.240	0.258	0.268	0.283	0.274	0.230	0.256	7.41
50)	TP	Dibromomethane	0.112	0.128	0.116	0.117	0.124	0.123	0.125		0.106	0.119	6.15
51)	TC	1,2-Dichloropropane	0.177	0.216	0.190	0.191	0.201	0.198	0.199		0.189	0.195	5.88
53)	TP	2-Chloroethyl vinyl ether		0.066	0.075	0.082	0.091	0.094	0.095		0.055	0.080	19.01
54)	TP	Bromodichloromethane	0.255	0.325	0.284	0.286	0.298	0.293	0.294	0.303	0.283	0.291	6.38
57)	TP	1,4-Dioxane	0.001	0.001	0.001	0.001	0.002	0.002	0.002		0.001	0.001#	19.62
58)	TP	cis-1,3-Dichloropropene	0.264	0.315	0.311	0.324	0.347	0.349	0.358	0.264	0.258	0.310	12.66
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.283	1.298	1.278	1.273	1.217	1.160	1.131	1.291	1.277	1.245	4.95
61)	TC	Toluene	0.693	0.844	0.723	0.732	0.760	0.744	0.752		0.718	0.746	6.02
62)	TP	4-Methyl-2-pentanone		0.046	0.049	0.051	0.055	0.056	0.057		0.036	0.050	0.9993
63)	TP	Tetrachloroethene	0.330	0.383	0.318	0.319	0.326	0.325	0.332	0.474	0.338	0.349	14.50
65)	TP	trans-1,3-Dichloropropene	0.277	0.368	0.353	0.365	0.383	0.377	0.386		0.303	0.351	11.42
67)	TP	Ethyl methacrylate		0.189	0.206	0.223	0.247	0.255	0.262			0.230	12.60
68)	TP	1,1,2-Trichloroethane	0.175	0.201	0.183	0.183	0.184	0.181	0.183		0.194	0.185	4.43
69)	TP	Chlorodibromomethane	0.241	0.307	0.274	0.274	0.286	0.275	0.273	0.290	0.258	0.275	6.86
70)	TP	1,3-Dichloropropane	0.330	0.398	0.348	0.346	0.353	0.336	0.328		0.330	0.346	6.60
71)	TP	1,2-Dibromoethane	0.190	0.227	0.208	0.210	0.214	0.208	0.204		0.190	0.206	5.90
72)	TP	2-Hexanone		0.065	0.075	0.079	0.085	0.086	0.085			0.079#	10.48
73)	TP	Chlorobenzene	0.852	0.969	0.847	0.853	0.893	0.875	0.882	1.072	0.831	0.897	8.58
74)	TC	Ethylbenzene	1.158	1.471	1.374	1.420	1.536	1.525	1.513		1.194	1.399	10.61
75)	TP	1,1,1,2-Tetrachloroethane	0.313	0.338	0.307	0.317	0.334	0.330	0.329	0.377	0.298	0.327	7.08
76)	TP	p/m Xylene	0.444	0.576	0.556	0.592	0.680	0.707	0.744	0.673	0.474	0.605	17.16
77)	TP	o Xylene	0.380	0.519	0.527	0.562	0.655			0.562	0.403	0.515	18.55
78)	TP	Styrene	0.606	0.897	0.887	0.979	1.224			0.802	0.662	*Q	0.9996
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform	0.266	0.325	0.321	0.325	0.388	0.407	0.418		0.289	0.342	16.23
82)	TP	Isopropylbenzene	2.030	2.755	2.587	2.656	2.859	2.794	2.654		2.105	2.555	12.28
83)	S	4-Bromofluorobenzene	0.751	0.745	0.717	0.698	0.677	0.645	0.611	0.746	0.734	0.703	7.05
84)	TP	Bromobenzene	0.694	0.740	0.633	0.618	0.640	0.629	0.623		0.649	0.653	6.48
85)	TP	n-Propylbenzene	2.729	3.453	3.113	3.142	3.445	3.356	3.165		2.829	3.154	8.50

Initial Calibration Summary
Form 6
Volatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **VOA117**	**Ical Ref**	: **ICAL16958**
Calibration dates	: **07/10/20 17:00 07/10/20 20:28**		

Calibration Files

L1 =V17200710N04.D L2 =V17200710N06.D L3 =V17200710N07.D L4 =V17200710N08.D L6 =V17200710N09.D

L7 =V17200710N10.D L8 =V17200710N11.D L0 =V17200710N03.D L1.5=V17200710N05.D

	Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
86) TP	1,4-Dichlorobutane	0.473	0.539	0.510	0.499	0.549	0.547	0.530		0.459	0.513	6.68
87) TP	1,1,2,2-Tetrachloroethane	0.493	0.555	0.479	0.466	0.461	0.433	0.408	0.553	0.477	0.481	10.17
88) TP	4-Ethyltoluene	2.021	2.666	2.485	2.551	2.741	2.602	2.494		2.123	2.460	10.39
89) TP	2-Chlorotoluene	1.575	1.954	1.719	1.748	1.900	1.796	1.717		1.611	1.753	7.42
90) TP	1,3,5-Trimethylbenzene	1.803	2.353	2.237	2.315	2.547	2.520	2.458		1.914	2.268	12.13
91) TP	1,2,3-Trichloropropane	0.361	0.410	0.363	0.360	0.393	0.387	0.384		0.355	0.377	5.27
92) TP	trans-1,4-Dichloro-2-b...	0.079	0.108	0.104	0.102	0.103	0.097	0.090		0.096	0.097	9.56
93) TP	4-Chlorotoluene	1.562	1.954	1.748	1.814	1.943	1.852	1.806		1.665	1.793	7.43
94) TP	tert-Butylbenzene	1.382	1.959	1.888	1.973	2.103	2.115	2.050		1.537	1.876	14.45
97) TP	1,2,4-Trimethylbenzene	1.617	2.301	2.194	2.292	2.536	2.500	2.394		1.758	2.199	15.33
98) TP	sec-Butylbenzene	2.010	3.041	2.784	2.894	3.175	3.070	2.835		2.312	2.765	14.56
99) TP	p-Isopropyltoluene	1.593	2.523	2.467	2.639	2.921	2.900	2.720		1.956	2.465	18.87
100) TP	1,3-Dichlorobenzene	1.322	1.525	1.321	1.365	1.462	1.442	1.434		1.288	1.395	5.94
101) TP	1,4-Dichlorobenzene	1.317	1.527	1.349	1.352	1.413	1.379	1.390		1.335	1.383	4.76
102) TP	p-Diethylbenzene	1.020	1.418	1.402	1.504	1.677	1.698	1.656		1.122	1.437	17.70
103) TP	n-Butylbenzene	1.778	2.547	2.385	2.486	2.797	2.605	2.411		1.982	2.374	14.10
104) TP	1,2-Dichlorobenzene	1.172	1.331	1.197	1.219	1.272	1.256	1.268		1.167	1.235	4.58
105) TP	1,2,4,5-Tetramethylben...		1.802	2.002	2.205	2.523	2.656	2.575		1.414	*L	0.9978
106) TP	1,2-Dibromo-3-chloropr...	0.041	0.074	0.072	0.070	0.074	0.072	0.070		0.067	0.068	16.25
107) TP	1,3,5-Trichlorobenzene	0.769	0.961	0.842	0.864	0.911	0.892	0.935		0.817	0.874	7.29
108) TP	Hexachlorobutadiene	0.329	0.397	0.341	0.358	0.369	0.364	0.381		0.361	0.363	5.87
109) TP	1,2,4-Trichlorobenzene	0.605	0.765	0.722	0.738	0.768	0.769	0.795		0.663	0.728	8.76
110) TP	Naphthalene	1.341	1.415	1.482	1.526	1.603	1.558	1.507		1.243	1.459	8.21
111) TP	1,2,3-Trichlorobenzene	0.560	0.729	0.647	0.662	0.692	0.676	0.680		0.611	0.657	7.91

Initial Calibration Summary
Form 6
Volatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **VOA100**	**Ical Ref**	: **ICAL17030**
Calibration dates	: **08/13/20 05:36 08/13/20 09:03**		

Calibration Files

L1 =V00200813A05.D L2 =V00200813A07.D L3 =V00200813A08.D L4 =V00200813A09.D L6 =V00200813A10.D

L7 =V00200813A11.D L8 =V00200813A12.D L0 =V00200813A04.D L1.5=V00200813A06.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane	0.358	0.312	0.294	0.257	0.273	0.264	0.311		0.268	0.292	11.64
3)	TP	Chloromethane	0.352	0.339	0.319	0.289	0.288	0.302	0.330		0.299	0.315	7.58
4)	TC	Vinyl chloride	0.375	0.384	0.355	0.326	0.338	0.337	0.375		0.326	0.352	6.72
5)	TP	Bromomethane	0.384	0.351	0.281	0.273	0.266	0.297	0.332		0.399	*L	0.9924
6)	TP	Chloroethane	0.309	0.293	0.283	0.268	0.302	0.319			0.260	0.291	7.41
7)	TP	Trichlorofluoromethane	0.483	0.471	0.452	0.401	0.433	0.426	0.508		0.383	0.445	9.47
8)	TP	Ethyl ether	0.132	0.141	0.140	0.132	0.133	0.138	0.147		0.116	0.135	6.86
10)	TC	1,1-Dichloroethene	0.255	0.256	0.231	0.206	0.213	0.216	0.243		0.213	0.229	8.72
11)	TP	Carbon disulfide	1.633	0.919	0.687	0.605	0.604	0.625	0.699		1.055	*L	0.9951
12)	TP	Freon-113	0.198	0.225	0.217	0.189	0.199	0.191	0.224		0.168	0.201	9.79
14)	TP	Acrolein		0.019	0.021	0.019	0.019	0.020	0.021			0.020#	5.52
15)	TP	Methylene chloride		0.345	0.288	0.259	0.259	0.269	0.287			0.284	11.31
17)	TP	Acetone		0.047	0.048	0.042	0.040	0.041	0.045			0.044	0.9968
18)	TP	trans-1,2-Dichloroethene	0.295	0.285	0.275	0.249	0.252	0.262	0.284		0.240	0.268	7.42
19)	TP	Methyl acetate		0.097	0.111	0.108	0.112	0.119	0.132			0.113	10.30
20)	TP	Methyl tert-butyl ether	0.648	0.695	0.697	0.657	0.655	0.676	0.710		0.613	0.669	4.74
21)	TP	tert-Butyl alcohol	0.020	0.023	0.022	0.021	0.019	0.020	0.022		0.021	0.021#	6.49
22)	TP	Diisopropyl ether	0.783	0.851	0.846	0.789	0.800	0.841	0.881		0.719	0.814	6.31
23)	TP	1,1-Dichloroethane	0.461	0.505	0.493	0.453	0.454	0.469	0.502		0.427	0.470	5.83
24)	TP	Halothane	0.167	0.192	0.189	0.171	0.173	0.177	0.193		0.162	0.178	6.75
25)	TP	Acrylonitrile		0.054	0.055	0.051	0.054	0.056	0.062			0.055	6.70
26)	TP	Ethyl tert-butyl ether	0.708	0.789	0.788	0.737	0.744	0.780	0.824		0.679	0.756	6.31
27)	TP	Vinyl acetate		0.469	0.541	0.516	0.535	0.563	0.614		0.395	0.519	13.49
28)	TP	cis-1,2-Dichloroethene	0.324	0.305	0.301	0.278	0.275	0.283	0.300		0.261	0.291	6.94
29)	TP	2,2-Dichloropropane	0.476	0.466	0.427	0.383	0.383	0.391	0.421		0.413	0.420	8.51
31)	TP	Bromochloromethane	0.112	0.123	0.123	0.113	0.113	0.114	0.119		0.102	0.115	5.91
32)	TP	Cyclohexane	0.386	0.464	0.415	0.355	0.371	0.361	0.418		0.392	0.395	9.09
33)	TC	Chloroform	0.497	0.501	0.516	0.471	0.467	0.475	0.503		0.407	0.480	7.11
34)	TP	Ethyl acetate		0.158	0.184	0.173	0.175	0.178	0.191			0.177	6.21
35)	TP	Carbon tetrachloride	0.357	0.392	0.363	0.324	0.323	0.320	0.353		0.310	0.343	8.18
36)	TP	Tetrahydrofuran		0.048	0.056	0.053	0.051	0.051	0.056			0.053	5.59
37)	S	Dibromofluoromethane	0.243	0.244	0.247	0.246	0.250	0.248	0.252	0.242	0.244	0.246	1.43
38)	TP	1,1,1-Trichloroethane	0.491	0.432	0.408	0.367	0.364	0.367	0.397	0.630	0.394	*L	0.9982
40)	TP	2-Butanone		0.078	0.085	0.081	0.074	0.073	0.079			0.078#	5.68
41)	TP	1,1-Dichloropropene	0.363	0.389	0.375	0.330	0.332	0.334	0.367	0.390	0.317	0.355	7.68

Initial Calibration Summary
Form 6
Volatiles

Client	: **CHA Companies**	**Lab Number**	: **L2033945**
Project Name	: **FORMER COYNE TEXTILE**	**Project Number**	: **59294**
Instrument ID	: **VOA100**	**Ical Ref**	: **ICAL17030**
Calibration dates	: **08/13/20 05:36 08/13/20 09:03**		

Calibration Files

L1 =V00200813A05.D L2 =V00200813A07.D L3 =V00200813A08.D L4 =V00200813A09.D L6 =V00200813A10.D

L7 =V00200813A11.D L8 =V00200813A12.D L0 =V00200813A04.D L1.5=V00200813A06.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
42)	TP	Benzene	1.079	1.145	1.118	1.024	1.013	1.047	1.118	1.149	0.964	1.073	6.06
43)	TP	tert-Amyl methyl ether	0.659	0.743	0.736	0.681	0.678	0.697	0.727		0.636	0.695	5.53
44)	S	1,2-Dichloroethane-d4	0.239	0.242	0.237	0.235	0.239	0.245	0.252	0.238	0.243	0.241	2.14
45)	TP	1,2-Dichloroethane	0.301	0.333	0.328	0.303	0.297	0.302	0.316		0.278	0.307	5.83
48)	TP	Methyl cyclohexane	0.545	0.453	0.434	0.375	0.390	0.375	0.438		0.412	0.428	13.00
49)	TP	Trichloroethene	0.328	0.296	0.281	0.250	0.250	0.260	0.284	0.339	0.266	0.284	11.37
51)	TP	Dibromomethane	0.150	0.152	0.147	0.135	0.134	0.135	0.144		0.126	0.140	6.55
52)	TC	1,2-Dichloropropane	0.256	0.280	0.282	0.258	0.255	0.264	0.279		0.228	0.263	6.84
54)	TP	2-Chloroethyl vinyl ether		0.105	0.115	0.104	0.104	0.105	0.115		0.070	0.103	14.74
55)	TP	Bromodichloromethane	0.350	0.407	0.375	0.352	0.346	0.355	0.377	0.348	0.371	0.365	5.48
58)	TP	1,4-Dioxane	0.001	0.002	0.002	0.002	0.002	0.002	0.002		0.001	*L	0.9913
59)	TP	cis-1,3-Dichloropropene	0.378	0.445	0.452	0.420	0.419	0.431	0.462	0.383	0.368	0.418	8.14
60)	I	Chlorobenzene-d5	----------ISTD----------										
61)	S	Toluene-d8	1.432	1.412	1.410	1.395	1.394	1.372	1.311	1.407	1.421	1.395	2.58
62)	TC	Toluene	0.901	0.967	0.943	0.849	0.840	0.862	0.888		0.834	0.886	5.53
63)	TP	4-Methyl-2-pentanone	0.095	0.109	0.105	0.097	0.094	0.093	0.096		0.097	0.098#	5.73
64)	TP	Tetrachloroethene	0.334	0.387	0.376	0.336	0.345	0.349	0.375	0.395	0.316	0.357	7.62
66)	TP	trans-1,3-Dichloropropene	0.425	0.520	0.519	0.478	0.484	0.498	0.511		0.414	0.481	8.55
68)	TP	Ethyl methacrylate		0.382	0.408	0.382	0.387	0.396	0.408		0.291	0.379	10.67
69)	TP	1,1,2-Trichloroethane	0.208	0.240	0.239	0.225	0.222	0.225	0.232		0.286	0.235	9.91
70)	TP	Chlorodibromomethane	0.272	0.322	0.331	0.306	0.304	0.303	0.307	0.277	0.270	0.299	7.29
71)	TP	1,3-Dichloropropane	0.438	0.513	0.511	0.466	0.457	0.456	0.463		0.421	0.466	6.93
72)	TP	1,2-Dibromoethane	0.231	0.262	0.274	0.249	0.246	0.244	0.249		0.229	0.248	5.90
73)	TP	2-Hexanone		0.170	0.170	0.161	0.160	0.159	0.166		0.146	0.162	5.20
74)	TP	Chlorobenzene	0.964	1.026	1.005	0.910	0.906	0.929	0.974	1.027	0.862	0.956	6.07
75)	TC	Ethylbenzene	1.601	1.845	1.774	1.595	1.619	1.686	1.796		1.496	1.677	7.14
76)	TP	1,1,1,2-Tetrachloroethane	0.319	0.352	0.352	0.321	0.315	0.322	0.329	0.324	0.293	0.325	5.64
77)	TP	p/m Xylene	0.610	0.683	0.670	0.605	0.618	0.643	0.690	0.670	0.570	0.640	6.47
78)	TP	o Xylene	0.583	0.641	0.629	0.575	0.583	0.616	0.661	0.596	0.535	0.602	6.42
79)	TP	Styrene	0.932	1.029	1.060	0.975	1.025	1.094	1.170	0.964	0.841	1.010	9.52
80)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
81)	TP	Bromoform	0.310	0.370	0.382	0.358	0.357	0.355	0.367		0.293	0.349	8.83
83)	TP	Isopropylbenzene	2.898	3.227	3.054	2.727	2.689	2.695	2.861		2.688	2.855	6.97
84)	S	4-Bromofluorobenzene	0.956	0.964	0.945	0.914	0.902	0.856	0.825	0.978	0.973	0.923	5.85
85)	TP	Bromobenzene	0.650	0.751	0.751	0.684	0.674	0.683	0.710		0.625	0.691	6.45
86)	TP	n-Propylbenzene	3.620	3.897	3.672	3.306	3.308	3.389	3.660		3.262	3.514	6.53

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2033945**
Project Name	**: FORMER COYNE TEXTILE**	**Project Number**	**: 59294**
Instrument ID	**: VOA100**	**Ical Ref**	**: ICAL17030**
Calibration dates	**: 08/13/20 05:36 08/13/20 09:03**		

Calibration Files

L1 =V00200813A05.D L2 =V00200813A07.D L3 =V00200813A08.D L4 =V00200813A09.D L6 =V00200813A10.D

L7 =V00200813A11.D L8 =V00200813A12.D L0 =V00200813A04.D L1.5=V00200813A06.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
87)	TP	1,4-Dichlorobutane	0.909	0.835	0.814	0.745	0.750	0.760	0.807		0.734	0.794	7.46
88)	TP	1,1,2,2-Tetrachloroethane	0.761	0.696	0.626	0.567	0.546	0.536	0.559	0.580	0.528	0.600	13.33
89)	TP	4-Ethyltoluene	2.831	3.132	2.990	2.684	2.654	2.679	2.858		2.590	2.802	6.66
90)	TP	2-Chlorotoluene	2.062	2.394	2.196	1.975	1.943	1.980	2.087		1.973	2.076	7.37
91)	TP	1,3,5-Trimethylbenzene	2.582	2.644	2.556	2.303	2.298	2.374	2.541		2.281	2.447	6.05
92)	TP	1,2,3-Trichloropropane	0.465	0.491	0.486	0.449	0.450	0.461	0.491		0.446	0.467	4.08
93)	TP	trans-1,4-Dichloro-2-b...	0.160	0.159	0.157	0.148	0.147	0.146	0.149		0.153	0.152	3.62
94)	TP	4-Chlorotoluene	2.293	2.254	2.186	1.982	1.982	2.024	2.134		1.961	2.102	6.30
95)	TP	tert-Butylbenzene	2.040	2.208	2.105	1.851	1.825	1.847	1.984		1.817	1.960	7.54
98)	TP	1,2,4-Trimethylbenzene	2.424	2.589	2.517	2.261	2.258	2.338	2.474		2.208	2.384	5.80
99)	TP	sec-Butylbenzene	3.196	3.428	3.180	2.839	2.835	2.886	3.125		2.788	3.035	7.58
100)	TP	p-Isopropyltoluene	2.559	2.817	2.656	2.384	2.395	2.451	2.635		2.336	2.529	6.57
101)	TP	1,3-Dichlorobenzene	1.211	1.434	1.410	1.294	1.292	1.334	1.395		1.190	1.320	6.85
102)	TP	1,4-Dichlorobenzene	1.397	1.485	1.413	1.289	1.285	1.322	1.386		1.261	1.355	5.74
103)	TP	p-Diethylbenzene	1.486	1.679	1.576	1.417	1.437	1.480	1.590		1.394	1.507	6.54
104)	TP	n-Butylbenzene	2.314	2.572	2.437	2.186	2.248	2.303	2.507		2.154	2.340	6.46
105)	TP	1,2-Dichlorobenzene	1.162	1.295	1.283	1.171	1.170	1.202	1.252		1.081	1.202	5.96
106)	TP	1,2,4,5-Tetramethylben...	2.399	2.585	2.495	2.274	2.323	2.382	2.481		2.155	2.387	5.73
107)	TP	1,2-Dibromo-3-chloropr...	0.073	0.089	0.099	0.090	0.088	0.087	0.091		0.075	0.087	9.89
108)	TP	1,3,5-Trichlorobenzene	0.838	0.977	0.950	0.866	0.892	0.881	0.900		0.806	0.889	6.28
109)	TP	Hexachlorobutadiene	0.274	0.316	0.294	0.265	0.263	0.245	0.258		0.254	0.271	8.63
110)	TP	1,2,4-Trichlorobenzene	0.748	0.853	0.845	0.781	0.799	0.769	0.800		0.693	0.786	6.58
111)	TP	Naphthalene	1.511	1.670	1.644	1.548	1.509	1.432	1.520		1.412	1.531	5.91
112)	TP	1,2,3-Trichlorobenzene	0.658	0.736	0.728	0.690	0.695	0.666	0.706		0.634	0.689	5.06

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA100	Calibration Date	: 08/21/20 05:52
Lab File ID	: V00200821A01	Init. Calib. Date(s)	: 08/13/20 08/13/20
Sample No	: WG1401428-2	Init. Calib. Times	: 05:36 09:03
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	87	0
Dichlorodifluoromethane	0.292	0.314	-	-7.5	20	106	0
Chloromethane	0.315	0.278	-	11.7	20	83	0
Vinyl chloride	0.352	0.358	-	-1.7	20	95	0
Bromomethane	40	43.077	-	-7.7	20	105	0
Chloroethane	0.291	0.297	-	-2.1	20	96	0
Trichlorofluoromethane	0.445	0.538	-	-20.9*	20	116	0
Ethyl ether	0.135	0.124	-	8.1	20	81	0
1,1-Dichloroethene	0.229	0.234	-	-2.2	20	99	0
Carbon disulfide	40	36.776	-	8.1	20	89	0
Freon-113	0.201	0.238	-	-18.4	20	109	0
Acrolein	0.02	0.017*	-	15	20	76	0
Methylene chloride	0.284	0.258	-	9.2	20	86	0
Acetone	40	37.302	-	6.7	20	84	0
trans-1,2-Dichloroethene	0.268	0.267	-	0.4	20	93	0
Methyl acetate	0.113	0.088*	-	22.1*	20	71	0
Methyl tert-butyl ether	0.669	0.631	-	5.7	20	83	0
tert-Butyl alcohol	0.021	0.017*	-	19	20	73	0
Diisopropyl ether	0.814	0.673	-	17.3	20	74	0
1,1-Dichloroethane	0.47	0.448	-	4.7	20	86	0
Halothane	0.178	0.187	-	-5.1	20	94	0
Acrylonitrile	0.055	0.045*	-	18.2	20	76	0
Ethyl tert-butyl ether	0.756	0.68	-	10.1	20	80	0
Vinyl acetate	0.519	0.44	-	15.2	20	74	0
cis-1,2-Dichloroethene	0.291	0.281	-	3.4	20	88	0
2,2-Dichloropropane	0.42	0.431	-	-2.6	20	97	0
Bromochloromethane	0.115	0.115	-	0	20	88	0
Cyclohexane	0.395	0.406	-	-2.8	20	99	0
Chloroform	0.48	0.482	-	-0.4	20	89	0
Ethyl acetate	0.177	0.148	-	16.4	20	74	0
Carbon tetrachloride	0.343	0.385	-	-12.2	20	103	0
Tetrahydrofuran	0.053	0.045*	-	15.1	20	72	0
Dibromofluoromethane	0.246	0.252	-	-2.4	20	89	0
1,1,1-Trichloroethane	40	43.416	-	-8.5	20	98	0
2-Butanone	0.078	0.054*	-	30.8*	20	57	0
1,1-Dichloropropene	0.355	0.374	-	-5.4	20	98	0
Benzene	1.073	1.021	-	4.8	20	86	0
tert-Amyl methyl ether	0.695	0.645	-	7.2	20	82	0
1,2-Dichloroethane-d4	0.241	0.237	-	1.7	20	88	0
1,2-Dichloroethane	0.307	0.297	-	3.3	20	85	0
Methyl cyclohexane	0.428	0.465	-	-8.6	20	107	0
Trichloroethene	0.284	0.273	-	3.9	20	95	0
Dibromomethane	0.14	0.136	-	2.9	20	87	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA100	Calibration Date	: 08/21/20 05:52
Lab File ID	: V00200821A01	Init. Calib. Date(s)	: 08/13/20 08/13/20
Sample No	: WG1401428-2	Init. Calib. Times	: 05:36 09:03
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.263	0.242	-	8	20	81	0
2-Chloroethyl vinyl ether	0.103	0.095	-	7.8	20	79	0
Bromodichloromethane	0.365	0.347	-	4.9	20	85	0
1,4-Dioxane	2000	1836.443	-	8.2	20	83	0
cis-1,3-Dichloropropene	0.418	0.408	-	2.4	20	84	0
Chlorobenzene-d5	1	1	-	0	20	90	0
Toluene-d8	1.395	1.358	-	2.7	20	87	0
Toluene	0.886	0.845	-	4.6	20	89	0
4-Methyl-2-pentanone	0.098	0.078*	-	20.4*	20	72	0
Tetrachloroethene	0.357	0.411	-	-15.1	20	110	0
trans-1,3-Dichloropropene	0.481	0.448	-	6.9	20	84	0
Ethyl methacrylate	0.379	0.334	-	11.9	20	78	0
1,1,2-Trichloroethane	0.235	0.208	-	11.5	20	83	0
Chlorodibromomethane	0.299	0.291	-	2.7	20	85	0
1,3-Dichloropropane	0.466	0.432	-	7.3	20	83	0
1,2-Dibromoethane	0.248	0.24	-	3.2	20	87	0
2-Hexanone	0.162	0.129	-	20.4*	20	72	0
Chlorobenzene	0.956	0.902	-	5.6	20	89	0
Ethylbenzene	1.677	1.606	-	4.2	20	90	0
1,1,1,2-Tetrachloroethane	0.325	0.313	-	3.7	20	88	0
p/m Xylene	0.64	0.613	-	4.2	20	91	0
o Xylene	0.602	0.565	-	6.1	20	88	0
Styrene	1.01	0.947	-	6.2	20	87	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	96	0
Bromoform	0.349	0.345	-	1.1	20	93	0
Isopropylbenzene	2.855	2.666	-	6.6	20	94	0
4-Bromofluorobenzene	0.923	0.869	-	5.9	20	92	0
Bromobenzene	0.691	0.676	-	2.2	20	95	0
n-Propylbenzene	3.514	3.204	-	8.8	20	93	0
1,4-Dichlorobutane	0.794	0.599	-	24.6*	20	77	0
1,1,2,2-Tetrachloroethane	0.6	0.491	-	18.2	20	83	0
4-Ethyltoluene	2.802	2.605	-	7	20	93	0
2-Chlorotoluene	2.076	1.554	-	25.1*	20	76	0
1,3,5-Trimethylbenzene	2.447	2.198	-	10.2	20	92	0
1,2,3-Trichloropropane	0.467	0.384	-	17.8	20	82	0
trans-1,4-Dichloro-2-buten	0.152	0.12	-	21.1*	20	78	0
4-Chlorotoluene	2.102	1.877	-	10.7	20	91	0
tert-Butylbenzene	1.96	1.833	-	6.5	20	95	0
1,2,4-Trimethylbenzene	2.384	2.146	-	10	20	91	0
sec-Butylbenzene	3.035	2.868	-	5.5	20	97	0
p-Isopropyltoluene	2.529	2.402	-	5	20	97	0
1,3-Dichlorobenzene	1.32	1.276	-	3.3	20	95	0
1,4-Dichlorobenzene	1.355	1.269	-	6.3	20	95	0

* Value outside of QC limits.

ALPHA ANALYTICAL

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA100	Calibration Date	: 08/21/20 05:52
Lab File ID	: V00200821A01	Init. Calib. Date(s)	: 08/13/20 08/13/20
Sample No	: WG1401428-2	Init. Calib. Times	: 05:36 09:03
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.507	1.42	-	5.8	20	96	0
n-Butylbenzene	2.34	2.258	-	3.5	20	99	0
1,2-Dichlorobenzene	1.202	1.133	-	5.7	20	93	0
1,2,4,5-Tetramethylbenzene	2.387	2.148	-	10	20	91	0
1,2-Dibromo-3-chloropropan	0.087	0.084	-	3.4	20	89	0
1,3,5-Trichlorobenzene	0.889	0.949	-	-6.7	20	106	0
Hexachlorobutadiene	0.271	0.266	-	1.8	20	97	0
1,2,4-Trichlorobenzene	0.786	0.832	-	-5.9	20	103	0
Naphthalene	1.531	1.373	-	10.3	20	85	0
1,2,3-Trichlorobenzene	0.689	0.717	-	-4.1	20	100	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA117	Calibration Date	: 08/26/20 06:43
Lab File ID	: V17200826A01	Init. Calib. Date(s)	: 07/10/20 07/10/20
Sample No	: WG1403102-2	Init. Calib. Times	: 17:00 20:28
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	97	0
Dichlorodifluoromethane	0.19	0.202	-	-6.3	20	108	0
Chloromethane	0.196	0.184	-	6.1	20	100	-.02
Vinyl chloride	0.508	0.399	-	21.5*	20	77	0
Bromomethane	40	43.062	-	-7.7	20	104	0
Chloroethane	0.454	0.4	-	11.9	20	91	-.01
Trichlorofluoromethane	1.028	0.85	-	17.3	20	83	0
Ethyl ether	0.297	0.242	-	18.5	20	80	0
1,1-Dichloroethene	0.195	0.183	-	6.2	20	96	0
Carbon disulfide	0.569	0.464	-	18.5	20	86	0
Freon-113	0.213	0.193	-	9.4	20	91	-.01
Acrolein	0.01052	0.00866*	-	17.7	20	82	0
Methylene chloride	0.231	0.22	-	4.8	20	101	0
Acetone	40	46.061	-	-15.2	20	104	0
trans-1,2-Dichloroethene	0.215	0.224	-	-4.2	20	105	0
Methyl acetate	0.066	0.063*	-	4.5	20	93	-.01
Methyl tert-butyl ether	0.418	0.418	-	0	20	97	0
tert-Butyl alcohol	0.011	0.011*	-	0	20	98	-.01
Diisopropyl ether	0.46	0.459	-	0.2	20	95	0
1,1-Dichloroethane	0.362	0.34	-	6.1	20	94	0
Halothane	0.182	0.184	-	-1.1	20	100	0
Acrylonitrile	0.032	0.033*	-	-3.1	20	96	0
Ethyl tert-butyl ether	0.486	0.464	-	4.5	20	91	0
Vinyl acetate	0.292	0.298	-	-2.1	20	96	0
cis-1,2-Dichloroethene	0.261	0.247	-	5.4	20	94	0
2,2-Dichloropropane	0.309	0.323	-	-4.5	20	106	0
Bromochloromethane	0.116	0.118	-	-1.7	20	102	0
Cyclohexane	0.275	0.274	-	0.4	20	94	0
Chloroform	0.4	0.396	-	1	20	100	0
Ethyl acetate	0.099	0.101	-	-2	20	98	0
Carbon tetrachloride	0.31	0.331	-	-6.8	20	105	0
Tetrahydrofuran	40	41.039	-	-2.6	20	94	-.01
Dibromofluoromethane	0.262	0.26	-	0.8	20	98	0
1,1,1-Trichloroethane	0.353	0.348	-	1.4	20	99	0
2-Butanone	40	40.563	-	-1.4	20	94	0
1,1-Dichloropropene	0.273	0.277	-	-1.5	20	98	0
Benzene	0.871	0.876	-	-0.6	20	100	0
tert-Amyl methyl ether	0.462	0.461	-	0.2	20	94	0
1,2-Dichloroethane-d4	0.217	0.218	-	-0.5	20	102	0
1,2-Dichloroethane	0.231	0.238	-	-3	20	102	0
Methyl cyclohexane	0.363	0.353	-	2.8	20	94	0
Trichloroethene	0.256	0.249	-	2.7	20	100	0
Dibromomethane	0.119	0.121	-	-1.7	20	100	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA117	Calibration Date	: 08/26/20 06:43
Lab File ID	: V17200826A01	Init. Calib. Date(s)	: 07/10/20 07/10/20
Sample No	: WG1403102-2	Init. Calib. Times	: 17:00 20:28
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.195	0.193	-	1	20	98	0
2-Chloroethyl vinyl ether	0.08	0.078	-	2.5	20	92	0
Bromodichloromethane	0.291	0.299	-	-2.7	20	101	0
1,4-Dioxane	0.00132	0.00163*	-	-23.5*	20	115	0
cis-1,3-Dichloropropene	0.31	0.326	-	-5.2	20	97	0
Chlorobenzene-d5	1	1	-	0	20	100	0
Toluene-d8	1.245	1.231	-	1.1	20	96	0
Toluene	0.746	0.748	-	-0.3	20	102	0
4-Methyl-2-pentanone	40	35.457	-	11.4	20	94	0
Tetrachloroethene	0.349	0.338	-	3.2	20	106	0
trans-1,3-Dichloropropene	0.351	0.346	-	1.4	20	95	0
Ethyl methacrylate	0.23	0.217	-	5.7	20	97	0
1,1,2-Trichloroethane	0.185	0.176	-	4.9	20	96	0
Chlorodibromomethane	0.275	0.291	-	-5.8	20	106	0
1,3-Dichloropropane	0.346	0.336	-	2.9	20	97	0
1,2-Dibromoethane	0.206	0.21	-	-1.9	20	100	0
2-Hexanone	0.079	0.076*	-	3.8	20	95	0
Chlorobenzene	0.897	0.888	-	1	20	104	0
Ethylbenzene	1.399	1.452	-	-3.8	20	102	0
1,1,1,2-Tetrachloroethane	0.327	0.331	-	-1.2	20	104	0
p/m Xylene	0.605	0.612	-	-1.2	20	103	0
o Xylene	0.515	0.568	-	-10.3	20	101	0
Styrene	80	81.118	-	-1.4	20	101	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	107	0
Bromoform	0.342	0.316	-	7.6	20	104	0
Isopropylbenzene	2.555	2.575	-	-0.8	20	103	0
4-Bromofluorobenzene	0.703	0.689	-	2	20	105	0
Bromobenzene	0.653	0.618	-	5.4	20	107	0
n-Propylbenzene	3.154	3.088	-	2.1	20	105	0
1,4-Dichlorobutane	0.513	0.5	-	2.5	20	107	0
1,1,2,2-Tetrachloroethane	0.481	0.452	-	6	20	103	0
4-Ethyltoluene	2.46	2.621	-	-6.5	20	110	0
2-Chlorotoluene	1.753	1.798	-	-2.6	20	110	0
1,3,5-Trimethylbenzene	2.268	2.294	-	-1.1	20	106	0
1,2,3-Trichloropropane	0.377	0.352	-	6.6	20	104	0
trans-1,4-Dichloro-2-buten	0.097	0.105	-	-8.2	20	110	0
4-Chlorotoluene	1.793	1.848	-	-3.1	20	109	0
tert-Butylbenzene	1.876	1.958	-	-4.4	20	106	0
1,2,4-Trimethylbenzene	2.199	2.28	-	-3.7	20	106	0
sec-Butylbenzene	2.765	3.044	-	-10.1	20	112	0
p-Isopropyltoluene	2.465	2.636	-	-6.9	20	107	0
1,3-Dichlorobenzene	1.395	1.427	-	-2.3	20	112	0
1,4-Dichlorobenzene	1.383	1.394	-	-0.8	20	110	0

* Value outside of QC limits.

ALPHA ANALYTICAL

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA117	Calibration Date	: 08/26/20 06:43
Lab File ID	: V17200826A01	Init. Calib. Date(s)	: 07/10/20 07/10/20
Sample No	: WG1403102-2	Init. Calib. Times	: 17:00 20:28
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.437	1.575	-	-9.6	20	112	0
n-Butylbenzene	2.374	2.398	-	-1	20	103	0
1,2-Dichlorobenzene	1.235	1.25	-	-1.2	20	109	0
1,2,4,5-Tetramethylbenzene	40	36.421	-	8.9	20	109	0
1,2-Dibromo-3-chloropropan	0.068	0.069	-	-1.5	20	106	0
1,3,5-Trichlorobenzene	0.874	0.886	-	-1.4	20	109	0
Hexachlorobutadiene	0.363	0.345	-	5	20	103	0
1,2,4-Trichlorobenzene	0.728	0.735	-	-1	20	106	0
Naphthalene	1.459	1.46	-	-0.1	20	102	0
1,2,3-Trichlorobenzene	0.657	0.667	-	-1.5	20	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA100	Calibration Date	: 08/26/20 07:06
Lab File ID	: V00200826A01	Init. Calib. Date(s)	: 08/13/20 08/13/20
Sample No	: WG1403079-2	Init. Calib. Times	: 05:36 09:03
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	65	0
Dichlorodifluoromethane	0.292	0.299	-	-2.4	20	75	0
Chloromethane	0.315	0.263	-	16.5	20	59	0
Vinyl chloride	0.352	0.352	-	0	20	70	0
Bromomethane	40	45.28	-	-13.2	20	83	0
Chloroethane	0.291	0.305	-	-4.8	20	73	0
Trichlorofluoromethane	0.445	0.569	-	-27.9*	20	92	0
Ethyl ether	0.135	0.144	-	-6.7	20	71	0
1,1-Dichloroethene	0.229	0.253	-	-10.5	20	79	0
Carbon disulfide	40	38.705	-	3.2	20	70	0
Freon-113	0.201	0.254	-	-26.4*	20	87	0
Acrolein	0.02	0.017*	-	15	20	57	0
Methylene chloride	0.284	0.297	-	-4.6	20	74	0
Acetone	40	38.322	-	4.2	20	64	0
trans-1,2-Dichloroethene	0.268	0.292	-	-9	20	76	0
Methyl acetate	0.113	0.096*	-	15	20	58	0
Methyl tert-butyl ether	0.669	0.736	-	-10	20	72	0
tert-Butyl alcohol	0.021	0.023*	-	-9.5	20	72	0
Diisopropyl ether	0.814	0.708	-	13	20	58	0
1,1-Dichloroethane	0.47	0.482	-	-2.6	20	69	0
Halothane	0.178	0.205	-	-15.2	20	78	0
Acrylonitrile	0.055	0.05*	-	9.1	20	64	0
Ethyl tert-butyl ether	0.756	0.755	-	0.1	20	66	0
Vinyl acetate	0.519	0.473	-	8.9	20	59	0
cis-1,2-Dichloroethene	0.291	0.318	-	-9.3	20	74	0
2,2-Dichloropropane	0.42	0.466	-	-11	20	79	0
Bromochloromethane	0.115	0.133	-	-15.7	20	76	0
Cyclohexane	0.395	0.397	-	-0.5	20	72	0
Chloroform	0.48	0.545	-	-13.5	20	75	0
Ethyl acetate	0.177	0.168	-	5.1	20	63	0
Carbon tetrachloride	0.343	0.423	-	-23.3*	20	85	0
Tetrahydrofuran	0.053	0.05*	-	5.7	20	60	0
Dibromofluoromethane	0.246	0.26	-	-5.7	20	68	0
1,1,1-Trichloroethane	40	48.301	-	-20.8*	20	81	0
2-Butanone	0.078	0.06*	-	23.1*	20	48	0
1,1-Dichloropropene	0.355	0.392	-	-10.4	20	77	0
Benzene	1.073	1.13	-	-5.3	20	71	0
tert-Amyl methyl ether	0.695	0.729	-	-4.9	20	69	0
1,2-Dichloroethane-d4	0.241	0.241	-	0	20	66	0
1,2-Dichloroethane	0.307	0.344	-	-12.1	20	74	0
Methyl cyclohexane	0.428	0.472	-	-10.3	20	81	0
Trichloroethene	0.284	0.297	-	-4.6	20	77	0
Dibromomethane	0.14	0.158	-	-12.9	20	76	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA100	Calibration Date	: 08/26/20 07:06
Lab File ID	: V00200826A01	Init. Calib. Date(s)	: 08/13/20 08/13/20
Sample No	: WG1403079-2	Init. Calib. Times	: 05:36 09:03
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.263	0.263	-	0	20	66	0
2-Chloroethyl vinyl ether	0.103	0.117	-	-13.6	20	72	0
Bromodichloromethane	0.365	0.395	-	-8.2	20	73	0
1,4-Dioxane	2000	2356.799	-	-17.8	20	80	0
cis-1,3-Dichloropropene	0.418	0.455	-	-8.9	20	70	0
Chlorobenzene-d5	1	1	-	0	20	72	0
Toluene-d8	1.395	1.319	-	5.4	20	68	0
Toluene	0.886	0.878	-	0.9	20	74	0
4-Methyl-2-pentanone	0.098	0.088*	-	10.2	20	65	0
Tetrachloroethene	0.357	0.47	-	-31.7*	20	100	0
trans-1,3-Dichloropropene	0.481	0.475	-	1.2	20	71	0
Ethyl methacrylate	0.379	0.357	-	5.8	20	67	0
1,1,2-Trichloroethane	0.235	0.224	-	4.7	20	71	0
Chlorodibromomethane	0.299	0.315	-	-5.4	20	74	0
1,3-Dichloropropane	0.466	0.463	-	0.6	20	71	0
1,2-Dibromoethane	0.248	0.261	-	-5.2	20	75	0
2-Hexanone	0.162	0.131	-	19.1	20	58	0
Chlorobenzene	0.956	0.946	-	1	20	74	0
Ethylbenzene	1.677	1.671	-	0.4	20	75	0
1,1,1,2-Tetrachloroethane	0.325	0.33	-	-1.5	20	73	0
p/m Xylene	0.64	0.634	-	0.9	20	75	0
o Xylene	0.602	0.59	-	2	20	73	0
Styrene	1.01	0.999	-	1.1	20	73	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	85	0
Bromoform	0.349	0.376	-	-7.7	20	89	0
Isopropylbenzene	2.855	2.493	-	12.7	20	77	0
4-Bromofluorobenzene	0.923	0.805	-	12.8	20	75	0
Bromobenzene	0.691	0.701	-	-1.4	20	87	0
n-Propylbenzene	3.514	2.975	-	15.3	20	76	0
1,4-Dichlorobutane	0.794	0.579	-	27.1*	20	66	0
1,1,2,2-Tetrachloroethane	0.6	0.487	-	18.8	20	73	0
4-Ethyltoluene	2.802	2.457	-	12.3	20	78	0
2-Chlorotoluene	2.076	1.745	-	15.9	20	75	0
1,3,5-Trimethylbenzene	2.447	2.088	-	14.7	20	77	0
1,2,3-Trichloropropane	0.467	0.378	-	19.1	20	71	0
trans-1,4-Dichloro-2-buten	0.152	0.119	-	21.7*	20	68	0
4-Chlorotoluene	2.102	1.774	-	15.6	20	76	0
tert-Butylbenzene	1.96	1.706	-	13	20	78	0
1,2,4-Trimethylbenzene	2.384	2.041	-	14.4	20	76	0
sec-Butylbenzene	3.035	2.634	-	13.2	20	79	0
p-Isopropyltoluene	2.529	2.222	-	12.1	20	79	0
1,3-Dichlorobenzene	1.32	1.26	-	4.5	20	82	0
1,4-Dichlorobenzene	1.355	1.27	-	6.3	20	83	0

* Value outside of QC limits.

ALPHA ANALYTICAL

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA100	Calibration Date	: 08/26/20 07:06
Lab File ID	: V00200826A01	Init. Calib. Date(s)	: 08/13/20 08/13/20
Sample No	: WG1403079-2	Init. Calib. Times	: 05:36 09:03
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.507	1.315	-	12.7	20	79	0
n-Butylbenzene	2.34	2.063	-	11.8	20	80	0
1,2-Dichlorobenzene	1.202	1.136	-	5.5	20	82	0
1,2,4,5-Tetramethylbenzene	2.387	2.042	-	14.5	20	76	0
1,2-Dibromo-3-chloropropan	0.087	0.088	-	-1.1	20	83	0
1,3,5-Trichlorobenzene	0.889	1.057	-	-18.9	20	103	0
Hexachlorobutadiene	0.271	0.281	-	-3.7	20	90	0
1,2,4-Trichlorobenzene	0.786	0.929	-	-18.2	20	101	0
Naphthalene	1.531	1.357	-	11.4	20	74	0
1,2,3-Trichlorobenzene	0.689	0.792	-	-14.9	20	97	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA126	Calibration Date	: 08/27/20 06:17
Lab File ID	: V26200827A01	Init. Calib. Date(s)	: 06/04/20 06/04/20
Sample No	: WG1403630-2	Init. Calib. Times	: 18:10 23:30
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	60	-.01
Dichlorodifluoromethane	0.149	0.25	-	-67.8*	20	95	0
Chloromethane	0.289	0.285	-	1.4	20	62	0
Vinyl chloride	0.216	0.242	-	-12	20	63	0
Bromomethane	0.159	0.141	-	11.3	20	53	0
Chloroethane	0.168	0.159	-	5.4	20	52	0
Trichlorofluoromethane	0.299	0.398	-	-33.1*	20	76	0
Ethyl ether	0.1	0.099	-	1	20	56	-.01
1,1-Dichloroethene	0.183	0.193	-	-5.5	20	60	0
Carbon disulfide	0.605	0.507	-	16.2	20	50	0
Freon-113	0.177	0.206	-	-16.4	20	66	0
Acrolein	0.036	0.018*	-	50*	20	28	-.01
Methylene chloride	0.228	0.209	-	8.3	20	56	0
Acetone	40	29.225	-	26.9*	20	41	-.01
trans-1,2-Dichloroethene	0.218	0.219	-	-0.5	20	57	0
Methyl acetate	0.149	0.13	-	12.8	20	51	-.01
Methyl tert-butyl ether	0.504	0.57	-	-13.1	20	65	0
tert-Butyl alcohol	0.023	0.021*	-	8.7	20	53	-.04
Diisopropyl ether	0.927	0.836	-	9.8	20	52	-.01
1,1-Dichloroethane	0.463	0.431	-	6.9	20	54	0
Halothane	0.165	0.167	-	-1.2	20	57	-.01
Acrylonitrile	0.073	0.07	-	4.1	20	53	-.02
Ethyl tert-butyl ether	0.798	0.744	-	6.8	20	54	-.02
Vinyl acetate	0.426	0.442	-	-3.8	20	59	-.01
cis-1,2-Dichloroethene	0.243	0.234	-	3.7	20	57	0
2,2-Dichloropropane	0.303	0.369	-	-21.8*	20	70	-.01
Bromochloromethane	0.104	0.101	-	2.9	20	56	-.01
Cyclohexane	0.461	0.456	-	1.1	20	56	0
Chloroform	0.411	0.425	-	-3.4	20	63	0
Ethyl acetate	0.183	0.183	-	0	20	57	-.01
Carbon tetrachloride	0.296	0.382	-	-29.1*	20	72	0
Tetrahydrofuran	0.057	0.054	-	5.3	20	54	0
Dibromofluoromethane	0.26	0.271	-	-4.2	20	63	0
1,1,1-Trichloroethane	0.339	0.403	-	-18.9	20	67	-.01
2-Butanone	0.087	0.081*	-	6.9	20	54	-.02
1,1-Dichloropropene	0.279	0.318	-	-14	20	64	0
Benzene	0.883	0.856	-	3.1	20	57	-.01
tert-Amyl methyl ether	0.547	0.574	-	-4.9	20	60	-.01
1,2-Dichloroethane-d4	0.264	0.29	-	-9.8	20	66	0
1,2-Dichloroethane	0.315	0.339	-	-7.6	20	64	-.01
Methyl cyclohexane	0.338	0.371	-	-9.8	20	62	0
Trichloroethene	0.23	0.239	-	-3.9	20	59	0
Dibromomethane	0.119	0.122	-	-2.5	20	59	-.01

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA126	Calibration Date	: 08/27/20 06:17
Lab File ID	: V26200827A01	Init. Calib. Date(s)	: 06/04/20 06/04/20
Sample No	: WG1403630-2	Init. Calib. Times	: 18:10 23:30
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.271	0.244	-	10	20	52	-.01
2-Chloroethyl vinyl ether	0.119	0.095	-	20.2*	20	50	-.01
Bromodichloromethane	0.295	0.331	-	-12.2	20	64	-.01
1,4-Dioxane	0.00167	0.0018*	-	-7.8	20	61	-.01
cis-1,3-Dichloropropene	0.332	0.356	-	-7.2	20	61	-.01
Chlorobenzene-d5	1	1	-	0	20	62	-.01
Toluene-d8	1.249	1.207	-	3.4	20	60	-.01
Toluene	0.68	0.642	-	5.6	20	58	-.02
4-Methyl-2-pentanone	0.099	0.087*	-	12.1	20	52	-.01
Tetrachloroethene	0.29	0.295	-	-1.7	20	62	-.01
trans-1,3-Dichloropropene	0.334	0.359	-	-7.5	20	64	-.02
Ethyl methacrylate	0.259	0.268	-	-3.5	20	59	-.01
1,1,2-Trichloroethane	0.17	0.162	-	4.7	20	58	-.01
Chlorodibromomethane	0.246	0.257	-	-4.5	20	60	0
1,3-Dichloropropane	0.349	0.34	-	2.6	20	59	-.01
1,2-Dibromoethane	0.194	0.191	-	1.5	20	59	-.01
2-Hexanone	0.166	0.16	-	3.6	20	57	-.01
Chlorobenzene	0.761	0.706	-	7.2	20	57	-.02
Ethylbenzene	1.279	1.273	-	0.5	20	59	-.02
1,1,1,2-Tetrachloroethane	0.255	0.274	-	-7.5	20	62	-.01
p/m Xylene	0.491	0.483	-	1.6	20	58	-.03
o Xylene	0.467	0.443	-	5.1	20	56	-.02
Styrene	0.776	0.76	-	2.1	20	57	-.03
1,4-Dichlorobenzene-d4	1	1	-	0	20	69	-.01
Bromoform	0.278	0.281	-	-1.1	20	65	-.01
Isopropylbenzene	2.404	2.233	-	7.1	20	60	-.02
4-Bromofluorobenzene	0.974	0.92	-	5.5	20	64	0
Bromobenzene	0.583	0.527	-	9.6	20	60	-.02
n-Propylbenzene	2.862	2.654	-	7.3	20	61	-.02
1,4-Dichlorobutane	0.833	0.711	-	14.6	20	57	-.02
1,1,2,2-Tetrachloroethane	0.464	0.415	-	10.6	20	58	-.01
4-Ethyltoluene	2.381	2.214	-	7	20	61	-.03
2-Chlorotoluene	1.894	1.793	-	5.3	20	63	-.02
1,3,5-Trimethylbenzene	2.019	1.906	-	5.6	20	62	-.03
1,2,3-Trichloropropane	0.348	0.319	-	8.3	20	61	-.01
trans-1,4-Dichloro-2-buten	0.156	0.152	-	2.6	20	64	-.02
4-Chlorotoluene	1.781	1.652	-	7.2	20	62	-.02
tert-Butylbenzene	1.709	1.611	-	5.7	20	61	-.02
1,2,4-Trimethylbenzene	2.023	1.894	-	6.4	20	62	-.02
sec-Butylbenzene	2.564	2.437	-	5	20	61	-.02
p-Isopropyltoluene	2.208	2.113	-	4.3	20	62	-.02
1,3-Dichlorobenzene	1.16	1.06	-	8.6	20	61	-.02
1,4-Dichlorobenzene	1.147	1.049	-	8.5	20	62	-.02

* Value outside of QC limits.

ALPHA ANALYTICAL

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA126	Calibration Date	: 08/27/20 06:17
Lab File ID	: V26200827A01	Init. Calib. Date(s)	: 06/04/20 06/04/20
Sample No	: WG1403630-2	Init. Calib. Times	: 18:10 23:30
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.351	1.283	-	5	20	61	-.03
n-Butylbenzene	2.512	2.338	-	6.9	20	60	-.02
1,2-Dichlorobenzene	1.042	0.954	-	8.4	20	61	-.02
1,2,4,5-Tetramethylbenzene	2.013	1.937	-	3.8	20	60	-.01
1,2-Dibromo-3-chloropropan	0.073	0.07	-	4.1	20	62	0
1,3,5-Trichlorobenzene	0.802	0.768	-	4.2	20	62	-.01
Hexachlorobutadiene	0.373	0.415	-	-11.3	20	72	0
1,2,4-Trichlorobenzene	0.725	0.686	-	5.4	20	61	-.01
Naphthalene	1.493	1.293	-	13.4	20	55	0
1,2,3-Trichlorobenzene	0.644	0.607	-	5.7	20	61	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA117	Calibration Date	: 08/27/20 07:37
Lab File ID	: V17200827A01	Init. Calib. Date(s)	: 07/10/20 07/10/20
Sample No	: WG1403565-2	Init. Calib. Times	: 17:00 20:28
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	122	0
Dichlorodifluoromethane	0.19	0.203	-	-6.8	20	137	0
Chloromethane	0.196	0.162	-	17.3	20	112	-.02
Vinyl chloride	0.508	0.34	-	33.1*	20	83	0
Bromomethane	40	34.114	-	14.7	20	105	0
Chloroethane	0.454	0.305	-	32.8*	20	88	-.01
Trichlorofluoromethane	1.028	0.809	-	21.3*	20	100	0
Ethyl ether	0.297	0.195	-	34.3*	20	82	0
1,1-Dichloroethene	0.195	0.178	-	8.7	20	119	0
Carbon disulfide	0.569	0.427	-	25*	20	100	0
Freon-113	0.213	0.187	-	12.2	20	112	0
Acrolein	0.01052	0.00796*	-	24.3*	20	95	0
Methylene chloride	0.231	0.193	-	16.5	20	113	0
Acetone	40	37.996	-	5	20	110	0
trans-1,2-Dichloroethene	0.215	0.212	-	1.4	20	126	0
Methyl acetate	0.066	0.055*	-	16.7	20	102	-.01
Methyl tert-butyl ether	0.418	0.401	-	4.1	20	118	0
tert-Butyl alcohol	0.011	0.01*	-	9.1	20	115	-.01
Diisopropyl ether	0.46	0.428	-	7	20	112	0
1,1-Dichloroethane	0.362	0.314	-	13.3	20	110	0
Halothane	0.182	0.179	-	1.6	20	124	0
Acrylonitrile	0.032	0.028*	-	12.5	20	106	0
Ethyl tert-butyl ether	0.486	0.449	-	7.6	20	112	0
Vinyl acetate	0.292	0.269	-	7.9	20	109	0
cis-1,2-Dichloroethene	0.261	0.236	-	9.6	20	114	0
2,2-Dichloropropane	0.309	0.313	-	-1.3	20	130	0
Bromochloromethane	0.116	0.115	-	0.9	20	125	0
Cyclohexane	0.275	0.277	-	-0.7	20	120	0
Chloroform	0.4	0.367	-	8.3	20	118	0
Ethyl acetate	0.099	0.089	-	10.1	20	108	0
Carbon tetrachloride	0.31	0.333	-	-7.4	20	134	0
Tetrahydrofuran	40	36.493	-	8.8	20	106	-.01
Dibromofluoromethane	0.262	0.254	-	3.1	20	121	0
1,1,1-Trichloroethane	0.353	0.34	-	3.7	20	123	0
2-Butanone	40	35.773	-	10.6	20	105	-.01
1,1-Dichloropropene	0.273	0.273	-	0	20	122	0
Benzene	0.871	0.821	-	5.7	20	118	0
tert-Amyl methyl ether	0.462	0.45	-	2.6	20	116	0
1,2-Dichloroethane-d4	0.217	0.199	-	8.3	20	117	0
1,2-Dichloroethane	0.231	0.215	-	6.9	20	117	0
Methyl cyclohexane	0.363	0.363	-	0	20	123	0
Trichloroethene	0.256	0.237	-	7.4	20	121	0
Dibromomethane	0.119	0.114	-	4.2	20	119	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA117	Calibration Date	: 08/27/20 07:37
Lab File ID	: V17200827A01	Init. Calib. Date(s)	: 07/10/20 07/10/20
Sample No	: WG1403565-2	Init. Calib. Times	: 17:00 20:28
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.195	0.179	-	8.2	20	114	0
2-Chloroethyl vinyl ether	0.08	0.079	-	1.3	20	117	0
Bromodichloromethane	0.291	0.28	-	3.8	20	120	0
1,4-Dioxane	0.00132	0.00143*	-	-8.3	20	127	0
cis-1,3-Dichloropropene	0.31	0.309	-	0.3	20	117	0
Chlorobenzene-d5	1	1	-	0	20	129	0
Toluene-d8	1.245	1.201	-	3.5	20	121	0
Toluene	0.746	0.712	-	4.6	20	125	0
4-Methyl-2-pentanone	40	34.267	-	14.3	20	117	0
Tetrachloroethene	0.349	0.329	-	5.7	20	133	0
trans-1,3-Dichloropropene	0.351	0.319	-	9.1	20	112	0
Ethyl methacrylate	0.23	0.208	-	9.6	20	120	0
1,1,2-Trichloroethane	0.185	0.162	-	12.4	20	113	0
Chlorodibromomethane	0.275	0.272	-	1.1	20	128	0
1,3-Dichloropropane	0.346	0.31	-	10.4	20	115	0
1,2-Dibromoethane	0.206	0.198	-	3.9	20	122	-.01
2-Hexanone	0.079	0.069*	-	12.7	20	111	0
Chlorobenzene	0.897	0.852	-	5	20	128	0
Ethylbenzene	1.399	1.388	-	0.8	20	126	0
1,1,1,2-Tetrachloroethane	0.327	0.321	-	1.8	20	130	0
p/m Xylene	0.605	0.596	-	1.5	20	129	0
o Xylene	0.515	0.551	-	-7	20	126	0
Styrene	80	77.942	-	2.6	20	125	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	136	0
Bromoform	0.342	0.306	-	10.5	20	128	0
Isopropylbenzene	2.555	2.589	-	-1.3	20	132	0
4-Bromofluorobenzene	0.703	0.723	-	-2.8	20	141	0
Bromobenzene	0.653	0.608	-	6.9	20	134	0
n-Propylbenzene	3.154	2.982	-	5.5	20	129	0
1,4-Dichlorobutane	0.513	0.447	-	12.9	20	122	0
1,1,2,2-Tetrachloroethane	0.481	0.409	-	15	20	119	0
4-Ethyltoluene	2.46	2.572	-	-4.6	20	137	0
2-Chlorotoluene	1.753	1.709	-	2.5	20	133	0
1,3,5-Trimethylbenzene	2.268	2.222	-	2	20	130	0
1,2,3-Trichloropropane	0.377	0.309	-	18	20	117	0
trans-1,4-Dichloro-2-buten	0.097	0.086	-	11.3	20	114	0
4-Chlorotoluene	1.793	1.749	-	2.5	20	131	0
tert-Butylbenzene	1.876	1.979	-	-5.5	20	136	0
1,2,4-Trimethylbenzene	2.199	2.183	-	0.7	20	129	0
sec-Butylbenzene	2.765	3.019	-	-9.2	20	142	0
p-Isopropyltoluene	2.465	2.614	-	-6	20	135	0
1,3-Dichlorobenzene	1.395	1.377	-	1.3	20	137	0
1,4-Dichlorobenzene	1.383	1.352	-	2.2	20	136	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Instrument ID	: VOA117	Calibration Date	: 08/27/20 07:37
Lab File ID	: V17200827A01	Init. Calib. Date(s)	: 07/10/20 07/10/20
Sample No	: WG1403565-2	Init. Calib. Times	: 17:00 20:28
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.437	1.561	-	-8.6	20	141	0
n-Butylbenzene	2.374	2.27	-	4.4	20	124	0
1,2-Dichlorobenzene	1.235	1.21	-	2	20	135	0
1,2,4,5-Tetramethylbenzene	40	36.208	-	9.5	20	139	0
1,2-Dibromo-3-chloropropan	0.068	0.066	-	2.9	20	128	0
1,3,5-Trichlorobenzene	0.874	0.86	-	1.6	20	135	0
Hexachlorobutadiene	0.363	0.353	-	2.8	20	134	0
1,2,4-Trichlorobenzene	0.728	0.714	-	1.9	20	132	0
Naphthalene	1.459	1.429	-	2.1	20	127	0
1,2,3-Trichlorobenzene	0.657	0.635	-	3.3	20	130	0

* Value outside of QC limits.

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-01	Date Collected	: 08/19/20 10:05
Client ID	: SOIL-SW-300	Date Received	: 08/19/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/20/20 13:40
Sample Matrix	: SOIL	Date Extracted	: 08/20/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-01	Analyst	: SZ
Sample Amount	: 30.52 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 48
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	270	35.	U
118-74-1	Hexachlorobenzene	ND	200	38.	U
111-44-4	Bis(2-chloroethyl)ether	ND	310	46.	U
91-58-7	2-Chloronaphthalene	ND	340	34.	U
91-94-1	3,3'-Dichlorobenzidine	ND	340	91.	U
121-14-2	2,4-Dinitrotoluene	ND	340	68.	U
606-20-2	2,6-Dinitrotoluene	ND	340	59.	U
206-44-0	Fluoranthene	ND	200	39.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	340	36.	U
101-55-3	4-Bromophenyl phenyl ether	ND	340	52.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	410	58.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	370	34.	U
87-68-3	Hexachlorobutadiene	ND	340	50.	U
77-47-4	Hexachlorocyclopentadiene	ND	980	310	U UJ
67-72-1	Hexachloroethane	ND	270	55.	U
78-59-1	Isophorone	ND	310	44.	U
91-20-3	Naphthalene	ND	340	42.	U
98-95-3	Nitrobenzene	ND	310	51.	U
86-30-6	NDPA/DPA	ND	270	39.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	340	53.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	340	120	U
85-68-7	Butyl benzyl phthalate	ND	340	86.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-01	Date Collected	: 08/19/20 10:05
Client ID	: SOIL-SW-300	Date Received	: 08/19/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/20/20 13:40
Sample Matrix	: SOIL	Date Extracted	: 08/20/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-01	Analyst	: SZ
Sample Amount	: 30.52 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 48
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	340	65.	U
117-84-0	Di-n-octylphthalate	ND	340	120	U
84-66-2	Diethyl phthalate	ND	340	32.	U
131-11-3	Dimethyl phthalate	ND	340	72.	U
56-55-3	Benzo(a)anthracene	ND	200	38.	U
50-32-8	Benzo(a)pyrene	ND	270	83.	U
205-99-2	Benzo(b)fluoranthene	ND	200	58.	U
207-08-9	Benzo(k)fluoranthene	ND	200	55.	U
218-01-9	Chrysene	ND	200	36.	U
208-96-8	Acenaphthylene	ND	270	53.	U
120-12-7	Anthracene	ND	200	67.	U
191-24-2	Benzo(ghi)perylene	ND	270	40.	U
86-73-7	Fluorene	ND	340	33.	U
85-01-8	Phenanthrene	ND	200	42.	U
53-70-3	Dibenzo(a,h)anthracene	ND	200	40.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	270	48.	U
129-00-0	Pyrene	ND	200	34.	U
92-52-4	Biphenyl	ND	780	79.	U
106-47-8	4-Chloroaniline	ND	340	62.	U
88-74-4	2-Nitroaniline	ND	340	66.	U
99-09-2	3-Nitroaniline	ND	340	64.	U
100-01-6	4-Nitroaniline	ND	340	140	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-01	Date Collected	: 08/19/20 10:05
Client ID	: SOIL-SW-300	Date Received	: 08/19/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/20/20 13:40
Sample Matrix	: SOIL	Date Extracted	: 08/20/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
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Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 48
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	340	32.	U
91-57-6	2-Methylnaphthalene	ND	410	41.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	340	36.	U
98-86-2	Acetophenone	ND	340	42.	U
88-06-2	2,4,6-Trichlorophenol	ND	200	65.	U
59-50-7	p-Chloro-m-cresol	ND	340	51.	U
95-57-8	2-Chlorophenol	ND	340	40.	U
120-83-2	2,4-Dichlorophenol	ND	310	55.	U
105-67-9	2,4-Dimethylphenol	ND	340	110	U
88-75-5	2-Nitrophenol	ND	740	130	U
100-02-7	4-Nitrophenol	ND	480	140	U
51-28-5	2,4-Dinitrophenol	ND	1600	160	U
534-52-1	4,6-Dinitro-o-cresol	ND	890	160	U
87-86-5	Pentachlorophenol	ND	270	75.	U
108-95-2	Phenol	ND	340	52.	U
95-48-7	2-Methylphenol	ND	340	53.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	490	54.	U
95-95-4	2,4,5-Trichlorophenol	ND	340	66.	U
86-74-8	Carbazole	ND	340	33.	U
1912-24-9	Atrazine	ND	270	120	U
100-52-7	Benzaldehyde	ND	450	92.	U
105-60-2	Caprolactam	ND	340	100	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-01	Date Collected	: 08/19/20 10:05
Client ID	: SOIL-SW-300	Date Received	: 08/19/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/20/20 13:40
Sample Matrix	: SOIL	Date Extracted	: 08/20/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-01	Analyst	: SZ
Sample Amount	: 30.52 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 48
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	340	69.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-02	Date Collected	: 08/20/20 14:30
Client ID	: SOIL-B-300	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 11:25
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-02	Analyst	: JG
Sample Amount	: 30.29 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 72
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	24.	U
118-74-1	Hexachlorobenzene	ND	140	26.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	31.	U
91-58-7	2-Chloronaphthalene	ND	230	23.	U
91-94-1	3,3'-Dichlorobenzidine	ND	230	61.	U
121-14-2	2,4-Dinitrotoluene	ND	230	46.	U
606-20-2	2,6-Dinitrotoluene	ND	230	39.	U
206-44-0	Fluoranthene	ND	140	26.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	230	35.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	39.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	250	23.	U
87-68-3	Hexachlorobutadiene	ND	230	33.	U
77-47-4	Hexachlorocyclopentadiene	ND	650	210	U
67-72-1	Hexachloroethane	ND	180	37.	U
78-59-1	Isophorone	ND	200	30.	U
91-20-3	Naphthalene	ND	230	28.	U
98-95-3	Nitrobenzene	ND	200	34.	U
86-30-6	NDPA/DPA	ND	180	26.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	230	35.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	230	79.	U
85-68-7	Butyl benzyl phthalate	ND	230	58.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-02	Date Collected	: 08/20/20 14:30
Client ID	: SOIL-B-300	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 11:25
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-02	Analyst	: JG
Sample Amount	: 30.29 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 72
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	230	43.	U
117-84-0	Di-n-octylphthalate	ND	230	78.	U
84-66-2	Diethyl phthalate	ND	230	21.	U
131-11-3	Dimethyl phthalate	ND	230	48.	U
56-55-3	Benzo(a)anthracene	ND	140	26.	U
50-32-8	Benzo(a)pyrene	ND	180	56.	U
205-99-2	Benzo(b)fluoranthene	ND	140	38.	U
207-08-9	Benzo(k)fluoranthene	ND	140	36.	U
218-01-9	Chrysene	ND	140	24.	U
208-96-8	Acenaphthylene	ND	180	35.	U
120-12-7	Anthracene	ND	140	44.	U
191-24-2	Benzo(ghi)perylene	ND	180	27.	U
86-73-7	Fluorene	ND	230	22.	U
85-01-8	Phenanthrene	ND	140	28.	U
53-70-3	Dibenzo(a,h)anthracene	ND	140	26.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	32.	U
129-00-0	Pyrene	ND	140	23.	U
92-52-4	Biphenyl	ND	520	53.	U
106-47-8	4-Chloroaniline	ND	230	42.	U
88-74-4	2-Nitroaniline	ND	230	44.	U
99-09-2	3-Nitroaniline	ND	230	43.	U
100-01-6	4-Nitroaniline	ND	230	95.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-02	Date Collected	: 08/20/20 14:30
Client ID	: SOIL-B-300	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 11:25
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-02	Analyst	: JG
Sample Amount	: 30.29 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 72
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	230	22.	U
91-57-6	2-Methylnaphthalene	ND	270	28.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	230	24.	U
98-86-2	Acetophenone	ND	230	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	140	43.	U
59-50-7	p-Chloro-m-cresol	ND	230	34.	U
95-57-8	2-Chlorophenol	ND	230	27.	U
120-83-2	2,4-Dichlorophenol	ND	200	37.	U
105-67-9	2,4-Dimethylphenol	ND	230	75.	U
88-75-5	2-Nitrophenol	ND	490	86.	U
100-02-7	4-Nitrophenol	ND	320	93.	U
51-28-5	2,4-Dinitrophenol	ND	1100	110	U
534-52-1	4,6-Dinitro-o-cresol	ND	590	110	U
87-86-5	Pentachlorophenol	ND	180	50.	U
108-95-2	Phenol	ND	230	34.	U
95-48-7	2-Methylphenol	ND	230	35.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	330	36.	U
95-95-4	2,4,5-Trichlorophenol	ND	230	44.	U
86-74-8	Carbazole	ND	230	22.	U
1912-24-9	Atrazine	ND	180	80.	U
100-52-7	Benzaldehyde	ND	300	62.	U
105-60-2	Caprolactam	ND	230	70.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-02	Date Collected	: 08/20/20 14:30
Client ID	: SOIL-B-300	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 11:25
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-02	Analyst	: JG
Sample Amount	: 30.29 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 72
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	230	46.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-03	Date Collected	: 08/20/20 14:50
Client ID	: SOIL-B-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 11:49
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-03	Analyst	: JG
Sample Amount	: 30.95 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	140	18.	U
118-74-1	Hexachlorobenzene	ND	110	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	48.	U
121-14-2	2,4-Dinitrotoluene	ND	180	36.	U
606-20-2	2,6-Dinitrotoluene	ND	180	31.	U
206-44-0	Fluoranthene	20	110	20.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	27.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	210	30.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	190	18.	U
87-68-3	Hexachlorobutadiene	ND	180	26.	U
77-47-4	Hexachlorocyclopentadiene	ND	510	160	U
67-72-1	Hexachloroethane	ND	140	29.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	26.	U
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	62.	U
85-68-7	Butyl benzyl phthalate	ND	180	45.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-03	Date Collected	: 08/20/20 14:50
Client ID	: SOIL-B-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 11:49
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-03	Analyst	: JG
Sample Amount	: 30.95 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	180	34.	U
117-84-0	Di-n-octylphthalate	ND	180	61.	U
84-66-2	Diethyl phthalate	ND	180	16.	U
131-11-3	Dimethyl phthalate	ND	180	38.	U
56-55-3	Benzo(a)anthracene	ND	110	20.	U
50-32-8	Benzo(a)pyrene	ND	140	44.	U
205-99-2	Benzo(b)fluoranthene	ND	110	30.	U
207-08-9	Benzo(k)fluoranthene	ND	110	29.	U
218-01-9	Chrysene	ND	110	19.	U
208-96-8	Acenaphthylene	ND	140	28.	U
120-12-7	Anthracene	ND	110	35.	U
191-24-2	Benzo(ghi)perylene	ND	140	21.	U
86-73-7	Fluorene	ND	180	17.	U
85-01-8	Phenanthrene	ND	110	22.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	25.	U
129-00-0	Pyrene	ND	110	18.	U
92-52-4	Biphenyl	ND	410	42.	U
106-47-8	4-Chloroaniline	ND	180	32.	U
88-74-4	2-Nitroaniline	ND	180	34.	U
99-09-2	3-Nitroaniline	ND	180	34.	U
100-01-6	4-Nitroaniline	ND	180	74.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-03	Date Collected	: 08/20/20 14:50
Client ID	: SOIL-B-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 11:49
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-03	Analyst	: JG
Sample Amount	: 30.95 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	180	17.	U
91-57-6	2-Methylnaphthalene	ND	210	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	34.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	29.	U
105-67-9	2,4-Dimethylphenol	ND	180	59.	U
88-75-5	2-Nitrophenol	ND	390	67.	U
100-02-7	4-Nitrophenol	ND	250	73.	U
51-28-5	2,4-Dinitrophenol	ND	860	83.	U
534-52-1	4,6-Dinitro-o-cresol	ND	460	86.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	27.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	34.	U
86-74-8	Carbazole	ND	180	17.	U
1912-24-9	Atrazine	ND	140	63.	U
100-52-7	Benzaldehyde	ND	240	48.	U
105-60-2	Caprolactam	ND	180	54.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-03	Date Collected	: 08/20/20 14:50
Client ID	: SOIL-B-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 11:49
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-03	Analyst	: JG
Sample Amount	: 30.95 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 90
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	180	36.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-04	Date Collected	: 08/20/20 15:00
Client ID	: SOIL-SW-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 12:13
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-04	Analyst	: JG
Sample Amount	: 30.37 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	140	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	31.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	60.	U
121-14-2	2,4-Dinitrotoluene	ND	220	45.	U
606-20-2	2,6-Dinitrotoluene	ND	220	39.	U
206-44-0	Fluoranthene	60	140	26.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	23.	U
87-68-3	Hexachlorobutadiene	ND	220	33.	U
77-47-4	Hexachlorocyclopentadiene	ND	640	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	29.	U
91-20-3	Naphthalene	ND	220	28.	U
98-95-3	Nitrobenzene	ND	200	33.	U
86-30-6	NDPA/DPA	ND	180	26.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	35.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	78.	U
85-68-7	Butyl benzyl phthalate	ND	220	57.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-04	Date Collected	: 08/20/20 15:00
Client ID	: SOIL-SW-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 12:13
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-04	Analyst	: JG
Sample Amount	: 30.37 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	43.	U
117-84-0	Di-n-octylphthalate	ND	220	77.	U
84-66-2	Diethyl phthalate	ND	220	21.	U
131-11-3	Dimethyl phthalate	ND	220	47.	U
56-55-3	Benzo(a)anthracene	34	140	25.	J
50-32-8	Benzo(a)pyrene	ND	180	55.	U
205-99-2	Benzo(b)fluoranthene	ND	140	38.	U
207-08-9	Benzo(k)fluoranthene	ND	140	36.	U
218-01-9	Chrysene	ND	140	23.	U
208-96-8	Acenaphthylene	ND	180	35.	U
120-12-7	Anthracene	ND	140	44.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	22.	U
85-01-8	Phenanthrene	30	140	27.	J
53-70-3	Dibenzo(a,h)anthracene	ND	140	26.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	31.	U
129-00-0	Pyrene	47	140	22.	J
92-52-4	Biphenyl	ND	510	52.	U
106-47-8	4-Chloroaniline	ND	220	41.	U
88-74-4	2-Nitroaniline	ND	220	44.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	93.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-04	Date Collected	: 08/20/20 15:00
Client ID	: SOIL-SW-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 12:13
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-04	Analyst	: JG
Sample Amount	: 30.37 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	270	27.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	24.	U
98-86-2	Acetophenone	ND	220	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	140	43.	U
59-50-7	p-Chloro-m-cresol	ND	220	34.	U
95-57-8	2-Chlorophenol	ND	220	27.	U
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	74.	U
88-75-5	2-Nitrophenol	ND	490	85.	U
100-02-7	4-Nitrophenol	ND	320	92.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	590	110	U
87-86-5	Pentachlorophenol	ND	180	50.	U
108-95-2	Phenol	ND	220	34.	U
95-48-7	2-Methylphenol	ND	220	35.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	35.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	43.	U
86-74-8	Carbazole	ND	220	22.	U
1912-24-9	Atrazine	ND	180	79.	U
100-52-7	Benzaldehyde	ND	300	61.	U
105-60-2	Caprolactam	ND	220	69.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-04	Date Collected	: 08/20/20 15:00
Client ID	: SOIL-SW-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 12:13
Sample Matrix	: SOIL	Date Extracted	: 08/21/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-04	Analyst	: JG
Sample Amount	: 30.37 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 73
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	46.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-05	Date Collected	: 08/25/20 15:20
Client ID	: SOIL-SW-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 12:36
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-05	Analyst	: JG
Sample Amount	: 30.19 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	69	180	23.	J
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	710	130	25.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	620	200	U
67-72-1	Hexachloroethane	ND	180	35.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	76.	U
85-68-7	Butyl benzyl phthalate	ND	220	55.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-05	Date Collected	: 08/25/20 15:20
Client ID	: SOIL-SW-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 12:36
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-05	Analyst	: JG
Sample Amount	: 30.19 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	41.	U
117-84-0	Di-n-octylphthalate	ND	220	74.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	320	130	25.	
50-32-8	Benzo(a)pyrene	260	180	53.	
205-99-2	Benzo(b)fluoranthene	320	130	37.	
207-08-9	Benzo(k)fluoranthene	160	130	35.	
218-01-9	Chrysene	330	130	23.	
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	130	130	43.	
191-24-2	Benzo(ghi)perylene	150	180	26.	J
86-73-7	Fluorene	58	220	21.	J
85-01-8	Phenanthrene	680	130	27.	
53-70-3	Dibenzo(a,h)anthracene	39	130	25.	J
193-39-5	Indeno(1,2,3-cd)pyrene	170	180	30.	J
129-00-0	Pyrene	560	130	22.	
92-52-4	Biphenyl	ND	500	51.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	41.	U
100-01-6	4-Nitroaniline	ND	220	90.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-05	Date Collected	: 08/25/20 15:20
Client ID	: SOIL-SW-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 12:36
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-05	Analyst	: JG
Sample Amount	: 30.19 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	42	220	21.	J
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	41.	U
59-50-7	p-Chloro-m-cresol	ND	220	32.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	72.	U
88-75-5	2-Nitrophenol	ND	470	82.	U
100-02-7	4-Nitrophenol	ND	310	89.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	570	100	U
87-86-5	Pentachlorophenol	ND	180	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	60	220	21.	J
1912-24-9	Atrazine	ND	180	76.	U
100-52-7	Benzaldehyde	ND	290	59.	U
105-60-2	Caprolactam	ND	220	66.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-05	Date Collected	: 08/25/20 15:20
Client ID	: SOIL-SW-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 12:36
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-05	Analyst	: JG
Sample Amount	: 30.19 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-06	Date Collected	: 08/25/20 15:50
Client ID	: SOIL-SW-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:00
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-06	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	160	21.	U
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	28.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	54.	U
121-14-2	2,4-Dinitrotoluene	ND	200	41.	U
606-20-2	2,6-Dinitrotoluene	ND	200	35.	U
206-44-0	Fluoranthene	ND	120	23.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	35.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	580	180	U
67-72-1	Hexachloroethane	ND	160	33.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	ND	200	25.	U
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	71.	U
85-68-7	Butyl benzyl phthalate	ND	200	52.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-06	Date Collected	: 08/25/20 15:50
Client ID	: SOIL-SW-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:00
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-06	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	200	39.	U
117-84-0	Di-n-octylphthalate	ND	200	70.	U
84-66-2	Diethyl phthalate	ND	200	19.	U
131-11-3	Dimethyl phthalate	ND	200	43.	U
56-55-3	Benzo(a)anthracene	ND	120	23.	U
50-32-8	Benzo(a)pyrene	ND	160	50.	U
205-99-2	Benzo(b)fluoranthene	ND	120	34.	U
207-08-9	Benzo(k)fluoranthene	ND	120	33.	U
218-01-9	Chrysene	ND	120	21.	U
208-96-8	Acenaphthylene	ND	160	32.	U
120-12-7	Anthracene	ND	120	40.	U
191-24-2	Benzo(ghi)perylene	ND	160	24.	U
86-73-7	Fluorene	ND	200	20.	U
85-01-8	Phenanthrene	ND	120	25.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	28.	U
129-00-0	Pyrene	ND	120	20.	U
92-52-4	Biphenyl	ND	470	47.	U
106-47-8	4-Chloroaniline	ND	200	37.	U
88-74-4	2-Nitroaniline	ND	200	39.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	85.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-06	Date Collected	: 08/25/20 15:50
Client ID	: SOIL-SW-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:00
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-06	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	ND	240	25.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	39.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	33.	U
105-67-9	2,4-Dimethylphenol	ND	200	68.	U
88-75-5	2-Nitrophenol	ND	440	77.	U
100-02-7	4-Nitrophenol	ND	290	83.	U
51-28-5	2,4-Dinitrophenol	ND	980	95.	U
534-52-1	4,6-Dinitro-o-cresol	ND	530	98.	U
87-86-5	Pentachlorophenol	ND	160	45.	U
108-95-2	Phenol	ND	200	31.	U
95-48-7	2-Methylphenol	ND	200	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	32.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	39.	U
86-74-8	Carbazole	ND	200	20.	U
1912-24-9	Atrazine	ND	160	72.	U
100-52-7	Benzaldehyde	ND	270	55.	U
105-60-2	Caprolactam	ND	200	62.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-06	Date Collected	: 08/25/20 15:50
Client ID	: SOIL-SW-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:00
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-06	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	41.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-07	Date Collected	: 08/25/20 15:55
Client ID	: SOIL-SW-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:24
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-07	Analyst	: JG
Sample Amount	: 30.54 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	35	160	20.	J
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	52.	U
121-14-2	2,4-Dinitrotoluene	ND	200	39.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	1200	120	23.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	560	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	29	200	24.	J
98-95-3	Nitrobenzene	ND	180	29.	U
86-30-6	NDPA/DPA	ND	160	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	68.	U
85-68-7	Butyl benzyl phthalate	ND	200	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-07	Date Collected	: 08/25/20 15:55
Client ID	: SOIL-SW-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:24
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-07	Analyst	: JG
Sample Amount	: 30.54 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	200	37.	U
117-84-0	Di-n-octylphthalate	ND	200	67.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	41.	U
56-55-3	Benzo(a)anthracene	560	120	22.	
50-32-8	Benzo(a)pyrene	490	160	48.	
205-99-2	Benzo(b)fluoranthene	610	120	33.	
207-08-9	Benzo(k)fluoranthene	260	120	32.	
218-01-9	Chrysene	580	120	20.	
208-96-8	Acenaphthylene	50	160	30.	J
120-12-7	Anthracene	140	120	38.	
191-24-2	Benzo(ghi)perylene	250	160	23.	
86-73-7	Fluorene	38	200	19.	J
85-01-8	Phenanthrene	630	120	24.	
53-70-3	Dibenzo(a,h)anthracene	75	120	23.	J
193-39-5	Indeno(1,2,3-cd)pyrene	280	160	28.	
129-00-0	Pyrene	1000	120	20.	
92-52-4	Biphenyl	ND	450	46.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	37.	U
100-01-6	4-Nitroaniline	ND	200	82.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-07	Date Collected	: 08/25/20 15:55
Client ID	: SOIL-SW-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:24
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-07	Analyst	: JG
Sample Amount	: 30.54 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	23	200	19.	J
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	37.	U
59-50-7	p-Chloro-m-cresol	ND	200	29.	U
95-57-8	2-Chlorophenol	ND	200	23.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	65.	U
88-75-5	2-Nitrophenol	ND	430	74.	U
100-02-7	4-Nitrophenol	ND	280	80.	U
51-28-5	2,4-Dinitrophenol	ND	950	92.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	95.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	57	200	19.	J
1912-24-9	Atrazine	ND	160	69.	U
100-52-7	Benzaldehyde	ND	260	53.	U
105-60-2	Caprolactam	ND	200	60.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-07	Date Collected	: 08/25/20 15:55
Client ID	: SOIL-SW-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:24
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-07	Analyst	: JG
Sample Amount	: 30.54 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 83
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-08	Date Collected	: 08/25/20 15:25
Client ID	: SOIL-B-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:48
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-08	Analyst	: JG
Sample Amount	: 30.32 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 66
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	200	26.	U
118-74-1	Hexachlorobenzene	ND	150	28.	U
111-44-4	Bis(2-chloroethyl)ether	ND	220	34.	U
91-58-7	2-Chloronaphthalene	ND	250	25.	U
91-94-1	3,3'-Dichlorobenzidine	ND	250	66.	U
121-14-2	2,4-Dinitrotoluene	ND	250	50.	U
606-20-2	2,6-Dinitrotoluene	ND	250	43.	U
206-44-0	Fluoranthene	ND	150	28.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	250	26.	U
101-55-3	4-Bromophenyl phenyl ether	ND	250	38.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	300	42.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	270	25.	U
87-68-3	Hexachlorobutadiene	ND	250	36.	U
77-47-4	Hexachlorocyclopentadiene	ND	710	220	U
67-72-1	Hexachloroethane	ND	200	40.	U
78-59-1	Isophorone	ND	220	32.	U
91-20-3	Naphthalene	ND	250	30.	U
98-95-3	Nitrobenzene	ND	220	37.	U
86-30-6	NDPA/DPA	ND	200	28.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	250	38.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	250	86.	U
85-68-7	Butyl benzyl phthalate	ND	250	62.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-08	Date Collected	: 08/25/20 15:25
Client ID	: SOIL-B-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:48
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-08	Analyst	: JG
Sample Amount	: 30.32 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 66
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	250	47.	U
117-84-0	Di-n-octylphthalate	ND	250	84.	U
84-66-2	Diethyl phthalate	ND	250	23.	U
131-11-3	Dimethyl phthalate	ND	250	52.	U
56-55-3	Benzo(a)anthracene	ND	150	28.	U
50-32-8	Benzo(a)pyrene	ND	200	60.	U
205-99-2	Benzo(b)fluoranthene	ND	150	42.	U
207-08-9	Benzo(k)fluoranthene	ND	150	40.	U
218-01-9	Chrysene	ND	150	26.	U
208-96-8	Acenaphthylene	ND	200	38.	U
120-12-7	Anthracene	ND	150	48.	U
191-24-2	Benzo(ghi)perylene	ND	200	29.	U
86-73-7	Fluorene	ND	250	24.	U
85-01-8	Phenanthrene	ND	150	30.	U
53-70-3	Dibenzo(a,h)anthracene	ND	150	29.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200	35.	U
129-00-0	Pyrene	ND	150	25.	U
92-52-4	Biphenyl	ND	570	58.	U
106-47-8	4-Chloroaniline	ND	250	45.	U
88-74-4	2-Nitroaniline	ND	250	48.	U
99-09-2	3-Nitroaniline	ND	250	47.	U
100-01-6	4-Nitroaniline	ND	250	100	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-08	Date Collected	: 08/25/20 15:25
Client ID	: SOIL-B-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:48
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-08	Analyst	: JG
Sample Amount	: 30.32 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 66
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	250	23.	U
91-57-6	2-Methylnaphthalene	ND	300	30.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	250	26.	U
98-86-2	Acetophenone	ND	250	31.	U
88-06-2	2,4,6-Trichlorophenol	ND	150	47.	U
59-50-7	p-Chloro-m-cresol	ND	250	37.	U
95-57-8	2-Chlorophenol	ND	250	29.	U
120-83-2	2,4-Dichlorophenol	ND	220	40.	U
105-67-9	2,4-Dimethylphenol	ND	250	82.	U
88-75-5	2-Nitrophenol	ND	540	93.	U
100-02-7	4-Nitrophenol	ND	350	100	U
51-28-5	2,4-Dinitrophenol	ND	1200	120	U
534-52-1	4,6-Dinitro-o-cresol	ND	640	120	U
87-86-5	Pentachlorophenol	ND	200	55.	U
108-95-2	Phenol	ND	250	38.	U
95-48-7	2-Methylphenol	ND	250	38.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	360	39.	U
95-95-4	2,4,5-Trichlorophenol	ND	250	48.	U
86-74-8	Carbazole	ND	250	24.	U
1912-24-9	Atrazine	ND	200	87.	U
100-52-7	Benzaldehyde	ND	330	67.	U
105-60-2	Caprolactam	ND	250	75.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-08	Date Collected	: 08/25/20 15:25
Client ID	: SOIL-B-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:48
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-08	Analyst	: JG
Sample Amount	: 30.32 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 66
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	250	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-09	Date Collected	: 08/25/20 15:30
Client ID	: SOIL-B-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 11:28
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-09	Analyst	: JG
Sample Amount	: 30.21 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	ND	130	24.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	610	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	28.	U
91-20-3	Naphthalene	130	210	26.	J
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	73.	U
85-68-7	Butyl benzyl phthalate	ND	210	53.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-09	Date Collected	: 08/25/20 15:30
Client ID	: SOIL-B-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 11:28
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-09	Analyst	: JG
Sample Amount	: 30.21 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	72.	U
84-66-2	Diethyl phthalate	ND	210	20.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	52.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	34.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	41.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	210	20.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	ND	130	21.	U
92-52-4	Biphenyl	ND	480	49.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	41.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	88.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-09	Date Collected	: 08/25/20 15:30
Client ID	: SOIL-B-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 11:28
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-09	Analyst	: JG
Sample Amount	: 30.21 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	53	250	26.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	32.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	70.	U
88-75-5	2-Nitrophenol	ND	460	80.	U
100-02-7	4-Nitrophenol	ND	300	86.	U
51-28-5	2,4-Dinitrophenol	ND	1000	99.	U
534-52-1	4,6-Dinitro-o-cresol	ND	550	100	U
87-86-5	Pentachlorophenol	ND	170	47.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	41.	U
86-74-8	Carbazole	ND	210	20.	U
1912-24-9	Atrazine	ND	170	74.	U
100-52-7	Benzaldehyde	ND	280	57.	U
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-09	Date Collected	: 08/25/20 15:30
Client ID	: SOIL-B-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 11:28
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-09	Analyst	: JG
Sample Amount	: 30.21 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	43.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-10	Date Collected	: 08/25/20 15:35
Client ID	: SOIL-B-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 11:53
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-10	Analyst	: JG
Sample Amount	: 30.29 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 54
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	250	32.	U
118-74-1	Hexachlorobenzene	ND	180	34.	U
111-44-4	Bis(2-chloroethyl)ether	ND	280	42.	U
91-58-7	2-Chloronaphthalene	ND	310	31.	U
91-94-1	3,3'-Dichlorobenzidine	ND	310	82.	U
121-14-2	2,4-Dinitrotoluene	ND	310	62.	U
606-20-2	2,6-Dinitrotoluene	ND	310	53.	U
206-44-0	Fluoranthene	ND	180	35.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	310	33.	U
101-55-3	4-Bromophenyl phenyl ether	ND	310	47.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	370	53.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	330	31.	U
87-68-3	Hexachlorobutadiene	ND	310	45.	U
77-47-4	Hexachlorocyclopentadiene	ND	880	280	U
67-72-1	Hexachloroethane	ND	250	50.	U
78-59-1	Isophorone	ND	280	40.	U
91-20-3	Naphthalene	ND	310	38.	U
98-95-3	Nitrobenzene	ND	280	46.	U
86-30-6	NDPA/DPA	ND	250	35.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	310	48.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	310	110	U
85-68-7	Butyl benzyl phthalate	ND	310	78.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-10	Date Collected	: 08/25/20 15:35
Client ID	: SOIL-B-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 11:53
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-10	Analyst	: JG
Sample Amount	: 30.29 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 54
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	310	58.	U
117-84-0	Di-n-octylphthalate	ND	310	100	U
84-66-2	Diethyl phthalate	ND	310	28.	U
131-11-3	Dimethyl phthalate	ND	310	65.	U
56-55-3	Benzo(a)anthracene	ND	180	35.	U
50-32-8	Benzo(a)pyrene	ND	250	75.	U
205-99-2	Benzo(b)fluoranthene	ND	180	52.	U
207-08-9	Benzo(k)fluoranthene	ND	180	49.	U
218-01-9	Chrysene	ND	180	32.	U
208-96-8	Acenaphthylene	ND	250	48.	U
120-12-7	Anthracene	ND	180	60.	U
191-24-2	Benzo(ghi)perylene	ND	250	36.	U
86-73-7	Fluorene	ND	310	30.	U
85-01-8	Phenanthrene	ND	180	38.	U
53-70-3	Dibenzo(a,h)anthracene	ND	180	36.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	250	43.	U
129-00-0	Pyrene	ND	180	31.	U
92-52-4	Biphenyl	ND	700	72.	U
106-47-8	4-Chloroaniline	ND	310	56.	U
88-74-4	2-Nitroaniline	ND	310	59.	U
99-09-2	3-Nitroaniline	ND	310	58.	U
100-01-6	4-Nitroaniline	ND	310	130	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-10	Date Collected	: 08/25/20 15:35
Client ID	: SOIL-B-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 11:53
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-10	Analyst	: JG
Sample Amount	: 30.29 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 54
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	310	29.	U
91-57-6	2-Methylnaphthalene	ND	370	37.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	310	32.	U
98-86-2	Acetophenone	ND	310	38.	U
88-06-2	2,4,6-Trichlorophenol	ND	180	58.	U
59-50-7	p-Chloro-m-cresol	ND	310	46.	U
95-57-8	2-Chlorophenol	ND	310	36.	U
120-83-2	2,4-Dichlorophenol	ND	280	50.	U
105-67-9	2,4-Dimethylphenol	ND	310	100	U
88-75-5	2-Nitrophenol	ND	670	120	U
100-02-7	4-Nitrophenol	ND	430	120	U
51-28-5	2,4-Dinitrophenol	ND	1500	140	U
534-52-1	4,6-Dinitro-o-cresol	ND	800	150	U
87-86-5	Pentachlorophenol	ND	250	68.	U
108-95-2	Phenol	ND	310	46.	U
95-48-7	2-Methylphenol	ND	310	48.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	440	48.	U
95-95-4	2,4,5-Trichlorophenol	ND	310	59.	U
86-74-8	Carbazole	ND	310	30.	U
1912-24-9	Atrazine	ND	250	110	U
100-52-7	Benzaldehyde	ND	410	83.	U
105-60-2	Caprolactam	ND	310	94.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-10	Date Collected	: 08/25/20 15:35
Client ID	: SOIL-B-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 11:53
Sample Matrix	: SOIL	Date Extracted	: 08/26/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-10	Analyst	: JG
Sample Amount	: 30.29 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 54
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	310	62.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-11	Date Collected	: 08/26/20 09:50
Client ID	: SOIL-SW-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 13:22
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-11	Analyst	: EK
Sample Amount	: 30.37 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 70
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	190	24.	U
118-74-1	Hexachlorobenzene	ND	140	26.	U
111-44-4	Bis(2-chloroethyl)ether	ND	210	32.	U
91-58-7	2-Chloronaphthalene	ND	230	23.	U
91-94-1	3,3'-Dichlorobenzidine	ND	230	62.	U
121-14-2	2,4-Dinitrotoluene	ND	230	47.	U
606-20-2	2,6-Dinitrotoluene	ND	230	40.	U
206-44-0	Fluoranthene	ND	140	27.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	25.	U
101-55-3	4-Bromophenyl phenyl ether	ND	230	36.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	280	40.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	250	23.	U
87-68-3	Hexachlorobutadiene	ND	230	34.	U
77-47-4	Hexachlorocyclopentadiene	ND	670	210	U
67-72-1	Hexachloroethane	ND	190	38.	U
78-59-1	Isophorone	ND	210	30.	U
91-20-3	Naphthalene	130	230	28.	J
98-95-3	Nitrobenzene	ND	210	35.	U
86-30-6	NDPA/DPA	ND	190	27.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	230	36.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	230	81.	U
85-68-7	Butyl benzyl phthalate	ND	230	59.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-11	Date Collected	: 08/26/20 09:50
Client ID	: SOIL-SW-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 13:22
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-11	Analyst	: EK
Sample Amount	: 30.37 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 70
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	230	44.	U
117-84-0	Di-n-octylphthalate	ND	230	80.	U
84-66-2	Diethyl phthalate	ND	230	22.	U
131-11-3	Dimethyl phthalate	ND	230	49.	U
56-55-3	Benzo(a)anthracene	ND	140	26.	U
50-32-8	Benzo(a)pyrene	ND	190	57.	U
205-99-2	Benzo(b)fluoranthene	ND	140	39.	U
207-08-9	Benzo(k)fluoranthene	ND	140	37.	U
218-01-9	Chrysene	ND	140	24.	U
208-96-8	Acenaphthylene	ND	190	36.	U
120-12-7	Anthracene	ND	140	46.	U
191-24-2	Benzo(ghi)perylene	ND	190	28.	U
86-73-7	Fluorene	ND	230	23.	U
85-01-8	Phenanthrene	ND	140	28.	U
53-70-3	Dibenzo(a,h)anthracene	ND	140	27.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190	32.	U
129-00-0	Pyrene	ND	140	23.	U
92-52-4	Biphenyl	ND	530	54.	U
106-47-8	4-Chloroaniline	ND	230	42.	U
88-74-4	2-Nitroaniline	ND	230	45.	U
99-09-2	3-Nitroaniline	ND	230	44.	U
100-01-6	4-Nitroaniline	ND	230	97.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-11	Date Collected	: 08/26/20 09:50
Client ID	: SOIL-SW-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 13:22
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-11	Analyst	: EK
Sample Amount	: 30.37 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 70
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	230	22.	U
91-57-6	2-Methylnaphthalene	32	280	28.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	230	24.	U
98-86-2	Acetophenone	ND	230	29.	U
88-06-2	2,4,6-Trichlorophenol	ND	140	44.	U
59-50-7	p-Chloro-m-cresol	ND	230	35.	U
95-57-8	2-Chlorophenol	ND	230	28.	U
120-83-2	2,4-Dichlorophenol	ND	210	38.	U
105-67-9	2,4-Dimethylphenol	ND	230	77.	U
88-75-5	2-Nitrophenol	ND	500	88.	U
100-02-7	4-Nitrophenol	ND	330	95.	U
51-28-5	2,4-Dinitrophenol	ND	1100	110	U
534-52-1	4,6-Dinitro-o-cresol	ND	610	110	U
87-86-5	Pentachlorophenol	ND	190	51.	U
108-95-2	Phenol	ND	230	35.	U
95-48-7	2-Methylphenol	ND	230	36.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	340	37.	U
95-95-4	2,4,5-Trichlorophenol	ND	230	45.	U
86-74-8	Carbazole	ND	230	23.	U
1912-24-9	Atrazine	ND	190	82.	U
100-52-7	Benzaldehyde	ND	310	63.	U
105-60-2	Caprolactam	ND	230	71.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-11	Date Collected	: 08/26/20 09:50
Client ID	: SOIL-SW-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 13:22
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-11	Analyst	: EK
Sample Amount	: 30.37 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 70
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	230	47.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-12D	Date Collected	: 08/26/20 11:40
Client ID	: SOIL-SW-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 15:47
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 3945-12	Analyst	: EK
Sample Amount	: 30.34 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 57
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	1200	150	U
118-74-1	Hexachlorobenzene	ND	860	160	U
111-44-4	Bis(2-chloroethyl)ether	ND	1300	200	U
91-58-7	2-Chloronaphthalene	ND	1400	140	U
91-94-1	3,3'-Dichlorobenzidine	ND	1400	380	U
121-14-2	2,4-Dinitrotoluene	ND	1400	290	U
606-20-2	2,6-Dinitrotoluene	ND	1400	250	U
206-44-0	Fluoranthene	ND	860	160	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	1400	150	U
101-55-3	4-Bromophenyl phenyl ether	ND	1400	220	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	1700	250	U
111-91-1	Bis(2-chloroethoxy)methane	ND	1600	140	U
87-68-3	Hexachlorobutadiene	ND	1400	210	U
77-47-4	Hexachlorocyclopentadiene	ND	4100	1300	U
67-72-1	Hexachloroethane	ND	1200	230	U
78-59-1	Isophorone	ND	1300	190	U
91-20-3	Naphthalene	450	1400	180	J
98-95-3	Nitrobenzene	ND	1300	210	U
86-30-6	NDPA/DPA	ND	1200	160	U
621-64-7	n-Nitrosodi-n-propylamine	ND	1400	220	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	1400	500	U
85-68-7	Butyl benzyl phthalate	ND	1400	360	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-12D	Date Collected	: 08/26/20 11:40
Client ID	: SOIL-SW-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 15:47
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 3945-12	Analyst	: EK
Sample Amount	: 30.34 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 57
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	1400	270	U
117-84-0	Di-n-octylphthalate	ND	1400	490	U
84-66-2	Diethyl phthalate	ND	1400	130	U
131-11-3	Dimethyl phthalate	ND	1400	300	U
56-55-3	Benzo(a)anthracene	ND	860	160	U
50-32-8	Benzo(a)pyrene	ND	1200	350	U
205-99-2	Benzo(b)fluoranthene	ND	860	240	U
207-08-9	Benzo(k)fluoranthene	ND	860	230	U
218-01-9	Chrysene	ND	860	150	U
208-96-8	Acenaphthylene	ND	1200	220	U
120-12-7	Anthracene	ND	860	280	U
191-24-2	Benzo(ghi)perylene	ND	1200	170	U
86-73-7	Fluorene	ND	1400	140	U
85-01-8	Phenanthrene	ND	860	180	U
53-70-3	Dibenzo(a,h)anthracene	ND	860	170	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1200	200	U
129-00-0	Pyrene	ND	860	140	U
92-52-4	Biphenyl	ND	3300	330	U
106-47-8	4-Chloroaniline	ND	1400	260	U
88-74-4	2-Nitroaniline	ND	1400	280	U
99-09-2	3-Nitroaniline	ND	1400	270	U
100-01-6	4-Nitroaniline	ND	1400	600	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-12D	Date Collected	: 08/26/20 11:40
Client ID	: SOIL-SW-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 15:47
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 3945-12	Analyst	: EK
Sample Amount	: 30.34 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 57
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	1400	140	U
91-57-6	2-Methylnaphthalene	310	1700	170	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1400	150	U
98-86-2	Acetophenone	ND	1400	180	U
88-06-2	2,4,6-Trichlorophenol	ND	860	270	U
59-50-7	p-Chloro-m-cresol	ND	1400	220	U
95-57-8	2-Chlorophenol	ND	1400	170	U
120-83-2	2,4-Dichlorophenol	ND	1300	230	U
105-67-9	2,4-Dimethylphenol	ND	1400	480	U
88-75-5	2-Nitrophenol	ND	3100	540	U
100-02-7	4-Nitrophenol	ND	2000	590	U
51-28-5	2,4-Dinitrophenol	ND	6900	670	U
534-52-1	4,6-Dinitro-o-cresol	ND	3800	690	U
87-86-5	Pentachlorophenol	ND	1200	320	U
108-95-2	Phenol	ND	1400	220	U
95-48-7	2-Methylphenol	ND	1400	220	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	2100	220	U
95-95-4	2,4,5-Trichlorophenol	ND	1400	280	U
86-74-8	Carbazole	ND	1400	140	U
1912-24-9	Atrazine	ND	1200	500	U
100-52-7	Benzaldehyde	ND	1900	390	U
105-60-2	Caprolactam	ND	1400	440	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-12D	Date Collected	: 08/26/20 11:40
Client ID	: SOIL-SW-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 15:47
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 5
Lab File ID	: 3945-12	Analyst	: EK
Sample Amount	: 30.34 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 57
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1400	290	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-13	Date Collected	: 08/26/20 11:20
Client ID	: SOIL-B-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 14:10
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-13	Analyst	: EK
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 62
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	210	28.	U
118-74-1	Hexachlorobenzene	ND	160	30.	U
111-44-4	Bis(2-chloroethyl)ether	ND	240	36.	U
91-58-7	2-Chloronaphthalene	ND	270	26.	U
91-94-1	3,3'-Dichlorobenzidine	ND	270	71.	U
121-14-2	2,4-Dinitrotoluene	ND	270	53.	U
606-20-2	2,6-Dinitrotoluene	ND	270	46.	U
206-44-0	Fluoranthene	ND	160	31.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	270	28.	U
101-55-3	4-Bromophenyl phenyl ether	ND	270	41.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	320	46.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	290	27.	U
87-68-3	Hexachlorobutadiene	ND	270	39.	U
77-47-4	Hexachlorocyclopentadiene	ND	760	240	U
67-72-1	Hexachloroethane	ND	210	43.	U
78-59-1	Isophorone	ND	240	35.	U
91-20-3	Naphthalene	390	270	32.	
98-95-3	Nitrobenzene	ND	240	40.	U
86-30-6	NDPA/DPA	ND	210	30.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	270	41.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	270	92.	U
85-68-7	Butyl benzyl phthalate	ND	270	67.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-13	Date Collected	: 08/26/20 11:20
Client ID	: SOIL-B-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 14:10
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-13	Analyst	: EK
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 62
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	270	51.	U
117-84-0	Di-n-octylphthalate	ND	270	91.	U
84-66-2	Diethyl phthalate	ND	270	25.	U
131-11-3	Dimethyl phthalate	ND	270	56.	U
56-55-3	Benzo(a)anthracene	ND	160	30.	U
50-32-8	Benzo(a)pyrene	ND	210	65.	U
205-99-2	Benzo(b)fluoranthene	ND	160	45.	U
207-08-9	Benzo(k)fluoranthene	ND	160	43.	U
218-01-9	Chrysene	ND	160	28.	U
208-96-8	Acenaphthylene	ND	210	41.	U
120-12-7	Anthracene	ND	160	52.	U
191-24-2	Benzo(ghi)perylene	ND	210	31.	U
86-73-7	Fluorene	ND	270	26.	U
85-01-8	Phenanthrene	ND	160	32.	U
53-70-3	Dibenzo(a,h)anthracene	ND	160	31.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	210	37.	U
129-00-0	Pyrene	ND	160	26.	U
92-52-4	Biphenyl	ND	610	62.	U
106-47-8	4-Chloroaniline	ND	270	49.	U
88-74-4	2-Nitroaniline	ND	270	52.	U
99-09-2	3-Nitroaniline	ND	270	50.	U
100-01-6	4-Nitroaniline	ND	270	110	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-13	Date Collected	: 08/26/20 11:20
Client ID	: SOIL-B-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 14:10
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-13	Analyst	: EK
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 62
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	270	25.	U
91-57-6	2-Methylnaphthalene	75	320	32.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	270	28.	U
98-86-2	Acetophenone	ND	270	33.	U
88-06-2	2,4,6-Trichlorophenol	ND	160	51.	U
59-50-7	p-Chloro-m-cresol	ND	270	40.	U
95-57-8	2-Chlorophenol	ND	270	32.	U
120-83-2	2,4-Dichlorophenol	ND	240	43.	U
105-67-9	2,4-Dimethylphenol	ND	270	88.	U
88-75-5	2-Nitrophenol	ND	580	100	U
100-02-7	4-Nitrophenol	ND	370	110	U
51-28-5	2,4-Dinitrophenol	ND	1300	120	U
534-52-1	4,6-Dinitro-o-cresol	ND	690	130	U
87-86-5	Pentachlorophenol	ND	210	59.	U
108-95-2	Phenol	ND	270	40.	U
95-48-7	2-Methylphenol	ND	270	41.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	380	42.	U
95-95-4	2,4,5-Trichlorophenol	ND	270	51.	U
86-74-8	Carbazole	ND	270	26.	U
1912-24-9	Atrazine	ND	210	94.	U
100-52-7	Benzaldehyde	ND	350	72.	U
105-60-2	Caprolactam	ND	270	81.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-13	Date Collected	: 08/26/20 11:20
Client ID	: SOIL-B-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 14:10
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-13	Analyst	: EK
Sample Amount	: 30.28 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 62
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	270	54.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-14	Date Collected	: 08/26/20 11:50
Client ID	: SOIL-B-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 15:23
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-14	Analyst	: EK
Sample Amount	: 30.42 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	59.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	ND	130	26.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	33.	U
77-47-4	Hexachlorocyclopentadiene	ND	640	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	29.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	33.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	77.	U
85-68-7	Butyl benzyl phthalate	ND	220	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-14	Date Collected	: 08/26/20 11:50
Client ID	: SOIL-B-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 15:23
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-14	Analyst	: EK
Sample Amount	: 30.42 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	76.	U
84-66-2	Diethyl phthalate	ND	220	21.	U
131-11-3	Dimethyl phthalate	ND	220	47.	U
56-55-3	Benzo(a)anthracene	ND	130	25.	U
50-32-8	Benzo(a)pyrene	ND	180	54.	U
205-99-2	Benzo(b)fluoranthene	ND	130	38.	U
207-08-9	Benzo(k)fluoranthene	ND	130	36.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	ND	130	43.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	22.	U
85-01-8	Phenanthrene	ND	130	27.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	26.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	31.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	510	52.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	43.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	92.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-14	Date Collected	: 08/26/20 11:50
Client ID	: SOIL-B-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 15:23
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-14	Analyst	: EK
Sample Amount	: 30.42 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	270	27.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	73.	U
88-75-5	2-Nitrophenol	ND	480	84.	U
100-02-7	4-Nitrophenol	ND	310	91.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	580	110	U
87-86-5	Pentachlorophenol	ND	180	49.	U
108-95-2	Phenol	ND	220	34.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	35.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	43.	U
86-74-8	Carbazole	ND	220	22.	U
1912-24-9	Atrazine	ND	180	78.	U
100-52-7	Benzaldehyde	ND	290	60.	U
105-60-2	Caprolactam	ND	220	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-14	Date Collected	: 08/26/20 11:50
Client ID	: SOIL-B-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 15:23
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-14	Analyst	: EK
Sample Amount	: 30.42 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	45.	U

The Results for SOIL-B-307 are missing. There is no data qualified for this sample.

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-16D	Date Collected	: 08/26/20 12:15
Client ID	: SOIL-B-308	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 14:36
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 10
Lab File ID	: 33945-16	Analyst	: EK
Sample Amount	: 30.84 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	1500	200	U
118-74-1	Hexachlorobenzene	ND	1200	220	U
111-44-4	Bis(2-chloroethyl)ether	ND	1700	260	U
91-58-7	2-Chloronaphthalene	ND	1900	190	U
91-94-1	3,3'-Dichlorobenzidine	ND	1900	520	U
121-14-2	2,4-Dinitrotoluene	ND	1900	390	U
606-20-2	2,6-Dinitrotoluene	ND	1900	330	U
206-44-0	Fluoranthene	ND	1200	220	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	1900	210	U
101-55-3	4-Bromophenyl phenyl ether	ND	1900	300	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2300	330	U
111-91-1	Bis(2-chloroethoxy)methane	ND	2100	190	U
87-68-3	Hexachlorobutadiene	ND	1900	280	U
77-47-4	Hexachlorocyclopentadiene	ND	5500	1800	U
67-72-1	Hexachloroethane	ND	1500	310	U
78-59-1	Isophorone	ND	1700	250	U
91-20-3	Naphthalene	570	1900	240	J
98-95-3	Nitrobenzene	ND	1700	290	U
86-30-6	NDPA/DPA	ND	1500	220	U
621-64-7	n-Nitrosodi-n-propylamine	ND	1900	300	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	1900	670	U
85-68-7	Butyl benzyl phthalate	ND	1900	490	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-16D	Date Collected	: 08/26/20 12:15
Client ID	: SOIL-B-308	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 14:36
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 10
Lab File ID	: 33945-16	Analyst	: EK
Sample Amount	: 30.84 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	1900	370	U
117-84-0	Di-n-octylphthalate	ND	1900	660	U
84-66-2	Diethyl phthalate	ND	1900	180	U
131-11-3	Dimethyl phthalate	ND	1900	410	U
56-55-3	Benzo(a)anthracene	ND	1200	220	U
50-32-8	Benzo(a)pyrene	ND	1500	470	U
205-99-2	Benzo(b)fluoranthene	ND	1200	330	U
207-08-9	Benzo(k)fluoranthene	ND	1200	310	U
218-01-9	Chrysene	ND	1200	200	U
208-96-8	Acenaphthylene	ND	1500	300	U
120-12-7	Anthracene	ND	1200	380	U
191-24-2	Benzo(ghi)perylene	ND	1500	230	U
86-73-7	Fluorene	ND	1900	190	U
85-01-8	Phenanthrene	ND	1200	240	U
53-70-3	Dibenzo(a,h)anthracene	ND	1200	220	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1500	270	U
129-00-0	Pyrene	ND	1200	190	U
92-52-4	Biphenyl	ND	4400	450	U
106-47-8	4-Chloroaniline	ND	1900	350	U
88-74-4	2-Nitroaniline	ND	1900	370	U
99-09-2	3-Nitroaniline	ND	1900	360	U
100-01-6	4-Nitroaniline	ND	1900	800	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-16D	Date Collected	: 08/26/20 12:15
Client ID	: SOIL-B-308	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 14:36
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 10
Lab File ID	: 33945-16	Analyst	: EK
Sample Amount	: 30.84 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	1900	180	U
91-57-6	2-Methylnaphthalene	3500	2300	230	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	1900	200	U
98-86-2	Acetophenone	ND	1900	240	U
88-06-2	2,4,6-Trichlorophenol	ND	1200	370	U
59-50-7	p-Chloro-m-cresol	ND	1900	290	U
95-57-8	2-Chlorophenol	ND	1900	230	U
120-83-2	2,4-Dichlorophenol	ND	1700	310	U
105-67-9	2,4-Dimethylphenol	ND	1900	640	U
88-75-5	2-Nitrophenol	ND	4200	730	U
100-02-7	4-Nitrophenol	ND	2700	790	U
51-28-5	2,4-Dinitrophenol	ND	9300	900	U
534-52-1	4,6-Dinitro-o-cresol	ND	5000	930	U
87-86-5	Pentachlorophenol	ND	1500	430	U
108-95-2	Phenol	ND	1900	290	U
95-48-7	2-Methylphenol	ND	1900	300	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	2800	300	U
95-95-4	2,4,5-Trichlorophenol	ND	1900	370	U
86-74-8	Carbazole	ND	1900	190	U
1912-24-9	Atrazine	ND	1500	680	U
100-52-7	Benzaldehyde	ND	2600	520	U
105-60-2	Caprolactam	ND	1900	590	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-16D	Date Collected	: 08/26/20 12:15
Client ID	: SOIL-B-308	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 14:36
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 10
Lab File ID	: 33945-16	Analyst	: EK
Sample Amount	: 30.84 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	1900	390	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-17D	Date Collected	: 08/26/20 12:00
Client ID	: SOIL-DUP-001	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 16:11
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 10
Lab File ID	: 3945-17	Analyst	: EK
Sample Amount	: 30.69 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	1700	220	U
118-74-1	Hexachlorobenzene	ND	1300	240	U
111-44-4	Bis(2-chloroethyl)ether	ND	1900	290	U
91-58-7	2-Chloronaphthalene	ND	2100	210	U
91-94-1	3,3'-Dichlorobenzidine	ND	2100	560	U
121-14-2	2,4-Dinitrotoluene	ND	2100	420	U
606-20-2	2,6-Dinitrotoluene	ND	2100	360	U
206-44-0	Fluoranthene	ND	1300	240	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2100	220	U
101-55-3	4-Bromophenyl phenyl ether	ND	2100	320	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2500	360	U
111-91-1	Bis(2-chloroethoxy)methane	ND	2300	210	U
87-68-3	Hexachlorobutadiene	ND	2100	310	U
77-47-4	Hexachlorocyclopentadiene	ND	6000	1900	U
67-72-1	Hexachloroethane	ND	1700	340	U
78-59-1	Isophorone	ND	1900	270	U
91-20-3	Naphthalene	ND	2100	260	U
98-95-3	Nitrobenzene	ND	1900	310	U
86-30-6	NDPA/DPA	ND	1700	240	U
621-64-7	n-Nitrosodi-n-propylamine	ND	2100	320	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	2100	730	U
85-68-7	Butyl benzyl phthalate	ND	2100	530	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-17D	Date Collected	: 08/26/20 12:00
Client ID	: SOIL-DUP-001	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 16:11
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 10
Lab File ID	: 3945-17	Analyst	: EK
Sample Amount	: 30.69 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	2100	400	U
117-84-0	Di-n-octylphthalate	ND	2100	720	U
84-66-2	Diethyl phthalate	ND	2100	200	U
131-11-3	Dimethyl phthalate	ND	2100	440	U
56-55-3	Benzo(a)anthracene	ND	1300	240	U
50-32-8	Benzo(a)pyrene	ND	1700	510	U
205-99-2	Benzo(b)fluoranthene	ND	1300	360	U
207-08-9	Benzo(k)fluoranthene	ND	1300	340	U
218-01-9	Chrysene	ND	1300	220	U
208-96-8	Acenaphthylene	ND	1700	320	U
120-12-7	Anthracene	ND	1300	410	U
191-24-2	Benzo(ghi)perylene	ND	1700	250	U
86-73-7	Fluorene	ND	2100	200	U
85-01-8	Phenanthrene	ND	1300	260	U
53-70-3	Dibenzo(a,h)anthracene	ND	1300	240	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	1700	290	U
129-00-0	Pyrene	ND	1300	210	U
92-52-4	Biphenyl	ND	4800	490	U
106-47-8	4-Chloroaniline	ND	2100	380	U
88-74-4	2-Nitroaniline	ND	2100	410	U
99-09-2	3-Nitroaniline	ND	2100	400	U
100-01-6	4-Nitroaniline	ND	2100	870	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-17D	Date Collected	: 08/26/20 12:00
Client ID	: SOIL-DUP-001	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 16:11
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 10
Lab File ID	: 3945-17	Analyst	: EK
Sample Amount	: 30.69 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	2100	200	U
91-57-6	2-Methylnaphthalene	600	2500	250	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	2100	220	U
98-86-2	Acetophenone	ND	2100	260	U
88-06-2	2,4,6-Trichlorophenol	ND	1300	400	U
59-50-7	p-Chloro-m-cresol	ND	2100	310	U
95-57-8	2-Chlorophenol	ND	2100	250	U
120-83-2	2,4-Dichlorophenol	ND	1900	340	U
105-67-9	2,4-Dimethylphenol	ND	2100	700	U
88-75-5	2-Nitrophenol	ND	4600	790	U
100-02-7	4-Nitrophenol	ND	3000	860	U
51-28-5	2,4-Dinitrophenol	ND	10000	980	U
534-52-1	4,6-Dinitro-o-cresol	ND	5500	1000	U
87-86-5	Pentachlorophenol	ND	1700	460	U
108-95-2	Phenol	ND	2100	320	U
95-48-7	2-Methylphenol	ND	2100	330	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	3000	330	U
95-95-4	2,4,5-Trichlorophenol	ND	2100	400	U
86-74-8	Carbazole	ND	2100	200	U
1912-24-9	Atrazine	ND	1700	740	U
100-52-7	Benzaldehyde	ND	2800	570	U
105-60-2	Caprolactam	ND	2100	640	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-17D	Date Collected	: 08/26/20 12:00
Client ID	: SOIL-DUP-001	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 16:11
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 10
Lab File ID	: 3945-17	Analyst	: EK
Sample Amount	: 30.69 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	2100	430	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-18	Date Collected	: 08/26/20 14:30
Client ID	: SOIL-B-309	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 11:49
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-18	Analyst	: CB
Sample Amount	: 30.37 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	160	21.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	35	120	23.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	31.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	70.	U
85-68-7	Butyl benzyl phthalate	ND	200	51.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-18	Date Collected	: 08/26/20 14:30
Client ID	: SOIL-B-309	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 11:49
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-18	Analyst	: CB
Sample Amount	: 30.37 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	68.	U
84-66-2	Diethyl phthalate	ND	200	19.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	ND	120	23.	U
50-32-8	Benzo(a)pyrene	ND	160	49.	U
205-99-2	Benzo(b)fluoranthene	ND	120	34.	U
207-08-9	Benzo(k)fluoranthene	ND	120	32.	U
218-01-9	Chrysene	ND	120	21.	U
208-96-8	Acenaphthylene	ND	160	31.	U
120-12-7	Anthracene	ND	120	39.	U
191-24-2	Benzo(ghi)perylene	ND	160	24.	U
86-73-7	Fluorene	ND	200	20.	U
85-01-8	Phenanthrene	ND	120	24.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	28.	U
129-00-0	Pyrene	31	120	20.	J
92-52-4	Biphenyl	ND	460	47.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	39.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	83.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-18	Date Collected	: 08/26/20 14:30
Client ID	: SOIL-B-309	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 11:49
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-18	Analyst	: CB
Sample Amount	: 30.37 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	85	240	24.	J
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	430	76.	U
100-02-7	4-Nitrophenol	ND	280	82.	U
51-28-5	2,4-Dinitrophenol	ND	960	94.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	96.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	ND	200	20.	U
1912-24-9	Atrazine	ND	160	70.	U
100-52-7	Benzaldehyde	ND	260	54.	U
105-60-2	Caprolactam	ND	200	61.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-18	Date Collected	: 08/26/20 14:30
Client ID	: SOIL-B-309	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 11:49
Sample Matrix	: SOIL	Date Extracted	: 08/27/20
Analytical Method	: 1,8270D	Dilution Factor	: 1
Lab File ID	: 33945-18	Analyst	: CB
Sample Amount	: 30.37 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 82
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	41.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-01	Date Collected	: 08/19/20 10:05
Client ID	: SOIL-SW-300	Date Received	: 08/19/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 08:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A08	Instrument ID	: VOA100
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 48
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	13	5.9	U
75-34-3	1,1-Dichloroethane	0.98	2.6	0.38	J
67-66-3	Chloroform	ND	3.9	0.36	U
56-23-5	Carbon tetrachloride	ND	2.6	0.60	U
78-87-5	1,2-Dichloropropane	ND	2.6	0.32	U
124-48-1	Dibromochloromethane	ND	2.6	0.36	U
79-00-5	1,1,2-Trichloroethane	ND	2.6	0.69	U
127-18-4	Tetrachloroethene	9.6	1.3	0.51	
108-90-7	Chlorobenzene	ND	1.3	0.33	U
75-69-4	Trichlorofluoromethane	ND	10	1.8	U
107-06-2	1,2-Dichloroethane	ND	2.6	0.66	U
71-55-6	1,1,1-Trichloroethane	ND	1.3	0.43	U
75-27-4	Bromodichloromethane	ND	1.3	0.28	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.6	0.71	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	0.41	U
75-25-2	Bromoform	ND	10	0.64	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	0.43	U
71-43-2	Benzene	1.4	1.3	0.43	
108-88-3	Toluene	4.1	2.6	1.4	
100-41-4	Ethylbenzene	2.3	2.6	0.36	J
74-87-3	Chloromethane	ND	10	2.4	U
74-83-9	Bromomethane	ND	5.2	1.5	U
75-01-4	Vinyl chloride	360	2.6	0.87	
75-00-3	Chloroethane	ND	5.2	1.2	U
75-35-4	1,1-Dichloroethene	ND	2.6	0.62	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-01	Date Collected	: 08/19/20 10:05
Client ID	: SOIL-SW-300	Date Received	: 08/19/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 08:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A08	Instrument ID	: VOA100
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 48
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	2.7	3.9	0.35	J
79-01-6	Trichloroethene	0.64	1.3	0.35	J
95-50-1	1,2-Dichlorobenzene	ND	5.2	0.37	U
541-73-1	1,3-Dichlorobenzene	ND	5.2	0.38	U
106-46-7	1,4-Dichlorobenzene	ND	5.2	0.44	U
1634-04-4	Methyl tert butyl ether	ND	5.2	0.52	U
179601-23-1	p/m-Xylene	2.7	5.2	1.4	J
95-47-6	o-Xylene	3.4	2.6	0.75	
156-59-2	cis-1,2-Dichloroethene	120	2.6	0.45	
100-42-5	Styrene	ND	2.6	0.51	U
75-71-8	Dichlorodifluoromethane	ND	26	2.4	U
67-64-1	Acetone	740	26	12.	
75-15-0	Carbon disulfide	ND	26	12.	U
78-93-3	2-Butanone	140	26	5.8	J-
108-10-1	4-Methyl-2-pentanone	ND	26	3.3	U
591-78-6	2-Hexanone	ND	26	3.0	U
74-97-5	Bromochloromethane	ND	5.2	0.53	U
106-93-4	1,2-Dibromoethane	ND	2.6	0.72	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	7.8	2.6	U
98-82-8	Isopropylbenzene	1.4	2.6	0.28	J
87-61-6	1,2,3-Trichlorobenzene	ND	5.2	0.83	U
120-82-1	1,2,4-Trichlorobenzene	ND	5.2	0.70	U
79-20-9	Methyl Acetate	ND	10	2.5	U
110-82-7	Cyclohexane	1.5	26	1.4	J
123-91-1	1,4-Dioxane	ND	210	91.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-01	Date Collected	: 08/19/20 10:05
Client ID	: SOIL-SW-300	Date Received	: 08/19/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 08:52
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A08	Instrument ID	: VOA100
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 48
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	10	1.8	U
108-87-2	Methyl cyclohexane	3.2	10	1.6	J

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-02	Date Collected	: 08/20/20 14:30
Client ID	: SOIL-B-300	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 07:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A05	Instrument ID	: VOA100
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 72
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.7	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.17	U
67-66-3	Chloroform	ND	1.7	0.16	U
56-23-5	Carbon tetrachloride	ND	1.1	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.31	U
127-18-4	Tetrachloroethene	3.5	0.57	0.22	
108-90-7	Chlorobenzene	ND	0.57	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.6	0.80	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.29	U
71-55-6	1,1,1-Trichloroethane	ND	0.57	0.19	U
75-27-4	Bromodichloromethane	ND	0.57	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.57	0.18	U
75-25-2	Bromoform	ND	4.6	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.57	0.19	U
71-43-2	Benzene	ND	0.57	0.19	U
108-88-3	Toluene	ND	1.1	0.62	U
100-41-4	Ethylbenzene	ND	1.1	0.16	U
74-87-3	Chloromethane	ND	4.6	1.1	U
74-83-9	Bromomethane	ND	2.3	0.67	U
75-01-4	Vinyl chloride	0.86	1.1	0.38	J
75-00-3	Chloroethane	ND	2.3	0.52	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.27	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-02	Date Collected	: 08/20/20 14:30
Client ID	: SOIL-B-300	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 07:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A05	Instrument ID	: VOA100
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 72
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.16	U
79-01-6	Trichloroethene	ND	0.57	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.3	0.23	U
179601-23-1	p/m-Xylene	ND	2.3	0.64	U
95-47-6	o-Xylene	ND	1.1	0.33	U
156-59-2	cis-1,2-Dichloroethene	0.27	1.1	0.20	J
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	20	11	5.5	
75-15-0	Carbon disulfide	ND	11	5.2	U
78-93-3	2-Butanone	ND	11	2.5	U UJ
108-10-1	4-Methyl-2-pentanone	ND	11	1.5	U
591-78-6	2-Hexanone	ND	11	1.4	U
74-97-5	Bromochloromethane	ND	2.3	0.24	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.32	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U
98-82-8	Isopropylbenzene	0.46	1.1	0.12	J
87-61-6	1,2,3-Trichlorobenzene	ND	2.3	0.37	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U
79-20-9	Methyl Acetate	ND	4.6	1.1	U
110-82-7	Cyclohexane	ND	11	0.62	U
123-91-1	1,4-Dioxane	ND	92	40.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-02	Date Collected	: 08/20/20 14:30
Client ID	: SOIL-B-300	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 07:35
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A05	Instrument ID	: VOA100
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 72
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.6	0.79	U
108-87-2	Methyl cyclohexane	1.5	4.6	0.69	J

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-03	Date Collected	: 08/20/20 14:50
Client ID	: SOIL-B-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 08:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A06	Instrument ID	: VOA100
Sample Amount	: 7.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	3.7	1.7	U
75-34-3	1,1-Dichloroethane	ND	0.74	0.11	U
67-66-3	Chloroform	ND	1.1	0.10	U
56-23-5	Carbon tetrachloride	ND	0.74	0.17	U
78-87-5	1,2-Dichloropropane	ND	0.74	0.09	U
124-48-1	Dibromochloromethane	ND	0.74	0.10	U
79-00-5	1,1,2-Trichloroethane	ND	0.74	0.20	U
127-18-4	Tetrachloroethene	ND	0.37	0.15	U
108-90-7	Chlorobenzene	ND	0.37	0.10	U
75-69-4	Trichlorofluoromethane	ND	3.0	0.52	U
107-06-2	1,2-Dichloroethane	ND	0.74	0.19	U
71-55-6	1,1,1-Trichloroethane	ND	0.37	0.12	U
75-27-4	Bromodichloromethane	ND	0.37	0.08	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.74	0.20	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.37	0.12	U
75-25-2	Bromoform	ND	3.0	0.18	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.37	0.12	U
71-43-2	Benzene	ND	0.37	0.12	U
108-88-3	Toluene	ND	0.74	0.40	U
100-41-4	Ethylbenzene	ND	0.74	0.10	U
74-87-3	Chloromethane	ND	3.0	0.69	U
74-83-9	Bromomethane	ND	1.5	0.43	U
75-01-4	Vinyl chloride	ND	0.74	0.25	U
75-00-3	Chloroethane	ND	1.5	0.34	U
75-35-4	1,1-Dichloroethene	ND	0.74	0.18	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-03	Date Collected	: 08/20/20 14:50
Client ID	: SOIL-B-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 08:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A06	Instrument ID	: VOA100
Sample Amount	: 7.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.1	0.10	U
79-01-6	Trichloroethene	ND	0.37	0.10	U
95-50-1	1,2-Dichlorobenzene	ND	1.5	0.11	U
541-73-1	1,3-Dichlorobenzene	ND	1.5	0.11	U
106-46-7	1,4-Dichlorobenzene	ND	1.5	0.13	U
1634-04-4	Methyl tert butyl ether	ND	1.5	0.15	U
179601-23-1	p/m-Xylene	ND	1.5	0.42	U
95-47-6	o-Xylene	ND	0.74	0.22	U
156-59-2	cis-1,2-Dichloroethene	ND	0.74	0.13	U
100-42-5	Styrene	ND	0.74	0.15	U
75-71-8	Dichlorodifluoromethane	ND	7.4	0.68	U
67-64-1	Acetone	ND	7.4	3.6	U
75-15-0	Carbon disulfide	3.9	7.4	3.4	J
78-93-3	2-Butanone	ND	7.4	1.6	U UJ
108-10-1	4-Methyl-2-pentanone	ND	7.4	0.95	U
591-78-6	2-Hexanone	ND	7.4	0.88	U
74-97-5	Bromochloromethane	ND	1.5	0.15	U
106-93-4	1,2-Dibromoethane	ND	0.74	0.21	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.2	0.74	U
98-82-8	Isopropylbenzene	ND	0.74	0.08	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.5	0.24	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.5	0.20	U
79-20-9	Methyl Acetate	ND	3.0	0.71	U
110-82-7	Cyclohexane	ND	7.4	0.40	U
123-91-1	1,4-Dioxane	ND	60	26.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-03	Date Collected	: 08/20/20 14:50
Client ID	: SOIL-B-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 08:01
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A06	Instrument ID	: VOA100
Sample Amount	: 7.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 90
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	3.0	0.52	U
108-87-2	Methyl cyclohexane	ND	3.0	0.45	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-04	Date Collected	: 08/20/20 15:00
Client ID	: SOIL-SW-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 09:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A10	Instrument ID	: VOA100
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 73
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.4	2.5	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U
127-18-4	Tetrachloroethene	ND	0.54	0.21	U
108-90-7	Chlorobenzene	ND	0.54	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.4	0.76	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U
71-55-6	1,1,1-Trichloroethane	ND	0.54	0.18	U
75-27-4	Bromodichloromethane	ND	0.54	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.54	0.17	U
75-25-2	Bromoform	ND	4.4	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.54	0.18	U
71-43-2	Benzene	ND	0.54	0.18	U
108-88-3	Toluene	ND	1.1	0.59	U
100-41-4	Ethylbenzene	ND	1.1	0.15	U
74-87-3	Chloromethane	ND	4.4	1.0	U
74-83-9	Bromomethane	ND	2.2	0.63	U
75-01-4	Vinyl chloride	ND	1.1	0.36	U
75-00-3	Chloroethane	ND	2.2	0.49	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-04	Date Collected	: 08/20/20 15:00
Client ID	: SOIL-SW-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 09:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A10	Instrument ID	: VOA100
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 73
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U
79-01-6	Trichloroethene	ND	0.54	0.15	U
95-50-1	1,2-Dichlorobenzene	ND	2.2	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.2	0.19	U
1634-04-4	Methyl tert butyl ether	ND	2.2	0.22	U
179601-23-1	p/m-Xylene	ND	2.2	0.61	U
95-47-6	o-Xylene	ND	1.1	0.32	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.19	U
100-42-5	Styrene	ND	1.1	0.21	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	20	11	5.2	
75-15-0	Carbon disulfide	ND	11	5.0	U
78-93-3	2-Butanone	ND	11	2.4	U UJ
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
591-78-6	2-Hexanone	ND	11	1.3	U
74-97-5	Bromochloromethane	ND	2.2	0.22	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	1.1	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.2	0.35	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	0.30	U
79-20-9	Methyl Acetate	ND	4.4	1.0	U
110-82-7	Cyclohexane	ND	11	0.59	U
123-91-1	1,4-Dioxane	ND	87	38.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-04	Date Collected	: 08/20/20 15:00
Client ID	: SOIL-SW-301	Date Received	: 08/20/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/21/20 09:44
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V00200821A10	Instrument ID	: VOA100
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 73
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.4	0.75	U
108-87-2	Methyl cyclohexane	ND	4.4	0.66	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-05	Date Collected	: 08/25/20 15:20
Client ID	: SOIL-SW-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 10:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A08	Instrument ID	: VOA100
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 76
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	8.3	3.8	U UJ
75-34-3	1,1-Dichloroethane	ND	1.7	0.24	U UJ
67-66-3	Chloroform	ND	2.5	0.23	U UJ
56-23-5	Carbon tetrachloride	ND	1.7	0.38	U UJ
78-87-5	1,2-Dichloropropane	ND	1.7	0.21	U UJ
124-48-1	Dibromochloromethane	ND	1.7	0.23	U UJ
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.44	U UJ
127-18-4	Tetrachloroethene	6.3	0.83	0.33	J-
108-90-7	Chlorobenzene	ND	0.83	0.21	U UJ
75-69-4	Trichlorofluoromethane	ND	6.6	1.2	U UJ
107-06-2	1,2-Dichloroethane	ND	1.7	0.43	U UJ
71-55-6	1,1,1-Trichloroethane	ND	0.83	0.28	U UJ
75-27-4	Bromodichloromethane	ND	0.83	0.18	U UJ
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.45	U UJ
10061-01-5	cis-1,3-Dichloropropene	ND	0.83	0.26	U UJ
75-25-2	Bromoform	ND	6.6	0.41	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.83	0.28	U UJ
71-43-2	Benzene	70	0.83	0.28	J-
108-88-3	Toluene	6.9	1.7	0.90	J-
100-41-4	Ethylbenzene	3.8	1.7	0.23	J-
74-87-3	Chloromethane	ND	6.6	1.6	U UJ
74-83-9	Bromomethane	ND	3.3	0.97	U UJ
75-01-4	Vinyl chloride	ND	1.7	0.56	U UJ
75-00-3	Chloroethane	ND	3.3	0.75	U UJ
75-35-4	1,1-Dichloroethene	ND	1.7	0.40	U UJ

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-05	Date Collected	: 08/25/20 15:20
Client ID	: SOIL-SW-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 10:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A08	Instrument ID	: VOA100
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 76
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.23	U UJ
79-01-6	Trichloroethene	ND	0.83	0.23	U UJ
95-50-1	1,2-Dichlorobenzene	ND	3.3	0.24	U UJ
541-73-1	1,3-Dichlorobenzene	ND	3.3	0.25	U UJ
106-46-7	1,4-Dichlorobenzene	ND	3.3	0.28	U UJ
1634-04-4	Methyl tert butyl ether	ND	3.3	0.33	U UJ
179601-23-1	p/m-Xylene	3.2	3.3	0.93	J J-
95-47-6	o-Xylene	3.0	1.7	0.48	J-
156-59-2	cis-1,2-Dichloroethene	ND	1.7	0.29	U UJ
100-42-5	Styrene	ND	1.7	0.33	U UJ
75-71-8	Dichlorodifluoromethane	ND	17	1.5	U UJ
67-64-1	Acetone	ND	17	8.0	U UJ
75-15-0	Carbon disulfide	ND	17	7.6	U UJ
78-93-3	2-Butanone	ND	17	3.7	U UJ
108-10-1	4-Methyl-2-pentanone	ND	17	2.1	U UJ
591-78-6	2-Hexanone	ND	17	2.0	U UJ
74-97-5	Bromochloromethane	ND	3.3	0.34	U UJ
106-93-4	1,2-Dibromoethane	ND	1.7	0.46	U UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.7	U UJ
98-82-8	Isopropylbenzene	100	1.7	0.18	J-
87-61-6	1,2,3-Trichlorobenzene	ND	3.3	0.54	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	3.3	0.45	U UJ
79-20-9	Methyl Acetate	ND	6.6	1.6	U UJ
110-82-7	Cyclohexane	590	17	0.90	E J-
123-91-1	1,4-Dioxane	ND	130	58.	U UJ

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-05	Date Collected	: 08/25/20 15:20
Client ID	: SOIL-SW-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 10:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A08	Instrument ID	: VOA100
Sample Amount	: 4.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 76
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	6.6	1.2	U UJ
108-87-2	Methyl cyclohexane	2100	6.6	1.0	E J-

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-05	Date Collected	: 08/25/20 15:20
Client ID	: SOIL-SW-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 11:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V17200826A12	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 76
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	440	200	U
75-34-3	1,1-Dichloroethane	ND	88	13.	U
67-66-3	Chloroform	ND	130	12.	U
56-23-5	Carbon tetrachloride	ND	88	20.	U
78-87-5	1,2-Dichloropropane	ND	88	11.	U
124-48-1	Dibromochloromethane	ND	88	12.	U
79-00-5	1,1,2-Trichloroethane	ND	88	23.	U
127-18-4	Tetrachloroethene	670	44	17.	
108-90-7	Chlorobenzene	ND	44	11.	U
75-69-4	Trichlorofluoromethane	ND	350	61.	U
107-06-2	1,2-Dichloroethane	ND	88	22.	U
71-55-6	1,1,1-Trichloroethane	ND	44	15.	U
75-27-4	Bromodichloromethane	ND	44	9.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	88	24.	U
10061-01-5	cis-1,3-Dichloropropene	ND	44	14.	U
75-25-2	Bromoform	ND	350	22.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	44	14.	U
71-43-2	Benzene	19	44	14.	J
108-88-3	Toluene	ND	88	48.	U
100-41-4	Ethylbenzene	14	88	12.	J
74-87-3	Chloromethane	ND	350	82.	U
74-83-9	Bromomethane	ND	180	51.	U
75-01-4	Vinyl chloride	ND	88	29.	U
75-00-3	Chloroethane	ND	180	40.	U
75-35-4	1,1-Dichloroethene	ND	88	21.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-05	Date Collected	: 08/25/20 15:20
Client ID	: SOIL-SW-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 11:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V17200826A12	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 76
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	130	12.	U
79-01-6	Trichloroethene	ND	44	12.	U
95-50-1	1,2-Dichlorobenzene	ND	180	13.	U
541-73-1	1,3-Dichlorobenzene	ND	180	13.	U
106-46-7	1,4-Dichlorobenzene	ND	180	15.	U
1634-04-4	Methyl tert butyl ether	ND	180	18.	U
179601-23-1	p/m-Xylene	ND	180	49.	U
95-47-6	o-Xylene	34	88	26.	J
156-59-2	cis-1,2-Dichloroethene	60	88	15.	J
100-42-5	Styrene	ND	88	17.	U
75-71-8	Dichlorodifluoromethane	ND	880	80.	U
67-64-1	Acetone	ND	880	420	U
75-15-0	Carbon disulfide	ND	880	400	U
78-93-3	2-Butanone	390	880	200	J
108-10-1	4-Methyl-2-pentanone	ND	880	110	U
591-78-6	2-Hexanone	ND	880	100	U
74-97-5	Bromochloromethane	ND	180	18.	U
106-93-4	1,2-Dibromoethane	ND	88	24.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	260	88.	U
98-82-8	Isopropylbenzene	64	88	9.6	J
87-61-6	1,2,3-Trichlorobenzene	ND	180	28.	U
120-82-1	1,2,4-Trichlorobenzene	ND	180	24.	U
79-20-9	Methyl Acetate	ND	350	83.	U
110-82-7	Cyclohexane	170	880	48.	J
123-91-1	1,4-Dioxane	ND	7000	3100	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-05	Date Collected	: 08/25/20 15:20
Client ID	: SOIL-SW-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 11:31
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V17200826A12	Instrument ID	: VOA117
Sample Amount	: 4.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 76
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	350	61.	U
108-87-2	Methyl cyclohexane	650	350	53.	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-06	Date Collected	: 08/25/20 15:50
Client ID	: SOIL-SW-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 09:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A06	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.5	2.5	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U
127-18-4	Tetrachloroethene	ND	0.55	0.22	U
108-90-7	Chlorobenzene	ND	0.55	0.14	U
75-69-4	Trichlorofluoromethane	ND	4.4	0.77	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U
71-55-6	1,1,1-Trichloroethane	ND	0.55	0.18	U
75-27-4	Bromodichloromethane	ND	0.55	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.55	0.17	U
75-25-2	Bromoform	ND	4.4	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.55	0.18	U
71-43-2	Benzene	ND	0.55	0.18	U
108-88-3	Toluene	ND	1.1	0.60	U
100-41-4	Ethylbenzene	ND	1.1	0.16	U
74-87-3	Chloromethane	ND	4.4	1.0	U
74-83-9	Bromomethane	ND	2.2	0.64	U
75-01-4	Vinyl chloride	ND	1.1	0.37	U
75-00-3	Chloroethane	ND	2.2	0.50	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-06	Date Collected	: 08/25/20 15:50
Client ID	: SOIL-SW-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 09:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A06	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U
79-01-6	Trichloroethene	ND	0.55	0.15	U
95-50-1	1,2-Dichlorobenzene	ND	2.2	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.16	U
106-46-7	1,4-Dichlorobenzene	ND	2.2	0.19	U
1634-04-4	Methyl tert butyl ether	ND	2.2	0.22	U
179601-23-1	p/m-Xylene	ND	2.2	0.62	U
95-47-6	o-Xylene	ND	1.1	0.32	U
156-59-2	cis-1,2-Dichloroethene	0.32	1.1	0.19	J
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	45	11	5.3	
75-15-0	Carbon disulfide	ND	11	5.0	U
78-93-3	2-Butanone	5.8	11	2.4	J
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
591-78-6	2-Hexanone	ND	11	1.3	U
74-97-5	Bromochloromethane	ND	2.2	0.22	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.31	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	1.1	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.2	0.35	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	0.30	U
79-20-9	Methyl Acetate	ND	4.4	1.0	U
110-82-7	Cyclohexane	ND	11	0.60	U
123-91-1	1,4-Dioxane	ND	88	39.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-06	Date Collected	: 08/25/20 15:50
Client ID	: SOIL-SW-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 09:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A06	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.4	0.76	U
108-87-2	Methyl cyclohexane	ND	4.4	0.66	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-07	Date Collected	: 08/25/20 15:55
Client ID	: SOIL-SW-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 08:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V17200826A05	Instrument ID	: VOA117
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 83
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	350	160	U
75-34-3	1,1-Dichloroethane	ND	70	10.	U
67-66-3	Chloroform	ND	100	9.8	U
56-23-5	Carbon tetrachloride	ND	70	16.	U
78-87-5	1,2-Dichloropropane	ND	70	8.8	U
124-48-1	Dibromochloromethane	ND	70	9.8	U
79-00-5	1,1,2-Trichloroethane	ND	70	19.	U
127-18-4	Tetrachloroethene	860	35	14.	
108-90-7	Chlorobenzene	ND	35	8.9	U
75-69-4	Trichlorofluoromethane	ND	280	49.	U
107-06-2	1,2-Dichloroethane	ND	70	18.	U
71-55-6	1,1,1-Trichloroethane	ND	35	12.	U
75-27-4	Bromodichloromethane	ND	35	7.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	70	19.	U
10061-01-5	cis-1,3-Dichloropropene	ND	35	11.	U
75-25-2	Bromoform	ND	280	17.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	35	12.	U
71-43-2	Benzene	ND	35	12.	U
108-88-3	Toluene	ND	70	38.	U
100-41-4	Ethylbenzene	26	70	9.9	J
74-87-3	Chloromethane	ND	280	65.	U
74-83-9	Bromomethane	ND	140	41.	U
75-01-4	Vinyl chloride	ND	70	23.	U
75-00-3	Chloroethane	ND	140	32.	U
75-35-4	1,1-Dichloroethene	ND	70	17.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-07	Date Collected	: 08/25/20 15:55
Client ID	: SOIL-SW-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 08:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V17200826A05	Instrument ID	: VOA117
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 83
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	100	9.6	U
79-01-6	Trichloroethene	ND	35	9.6	U
95-50-1	1,2-Dichlorobenzene	15	140	10.	J
541-73-1	1,3-Dichlorobenzene	ND	140	10.	U
106-46-7	1,4-Dichlorobenzene	ND	140	12.	U
1634-04-4	Methyl tert butyl ether	ND	140	14.	U
179601-23-1	p/m-Xylene	100	140	39.	J
95-47-6	o-Xylene	ND	70	20.	U
156-59-2	cis-1,2-Dichloroethene	ND	70	12.	U
100-42-5	Styrene	ND	70	14.	U
75-71-8	Dichlorodifluoromethane	ND	700	64.	U
67-64-1	Acetone	ND	700	340	U
75-15-0	Carbon disulfide	ND	700	320	U
78-93-3	2-Butanone	180	700	160	J
108-10-1	4-Methyl-2-pentanone	ND	700	90.	U
591-78-6	2-Hexanone	ND	700	83.	U
74-97-5	Bromochloromethane	ND	140	14.	U
106-93-4	1,2-Dibromoethane	ND	70	20.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	70.	U
98-82-8	Isopropylbenzene	150	70	7.6	
87-61-6	1,2,3-Trichlorobenzene	ND	140	22.	U
120-82-1	1,2,4-Trichlorobenzene	ND	140	19.	U
79-20-9	Methyl Acetate	ND	280	66.	U
110-82-7	Cyclohexane	ND	700	38.	U
123-91-1	1,4-Dioxane	ND	5600	2400	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-07	Date Collected	: 08/25/20 15:55
Client ID	: SOIL-SW-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 08:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V17200826A05	Instrument ID	: VOA117
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 83
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	280	48.	U
108-87-2	Methyl cyclohexane	170	280	42.	J

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-07	Date Collected	: 08/25/20 15:55
Client ID	: SOIL-SW-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A16	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	4.6	2.1	U
75-34-3	1,1-Dichloroethane	ND	0.92	0.13	U
67-66-3	Chloroform	ND	1.4	0.13	U
56-23-5	Carbon tetrachloride	ND	0.92	0.21	U
78-87-5	1,2-Dichloropropane	ND	0.92	0.11	U
124-48-1	Dibromochloromethane	ND	0.92	0.13	U
79-00-5	1,1,2-Trichloroethane	ND	0.92	0.24	U
127-18-4	Tetrachloroethene	54	0.46	0.18	J+
108-90-7	Chlorobenzene	ND	0.46	0.12	U
75-69-4	Trichlorofluoromethane	ND	3.7	0.64	U
107-06-2	1,2-Dichloroethane	ND	0.92	0.24	U
71-55-6	1,1,1-Trichloroethane	ND	0.46	0.15	U
75-27-4	Bromodichloromethane	ND	0.46	0.10	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.92	0.25	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.46	0.14	U
75-25-2	Bromoform	ND	3.7	0.22	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.46	0.15	U
71-43-2	Benzene	1.0	0.46	0.15	J+
108-88-3	Toluene	ND	0.92	0.50	U
100-41-4	Ethylbenzene	1.8	0.92	0.13	J+
74-87-3	Chloromethane	ND	3.7	0.86	U
74-83-9	Bromomethane	ND	1.8	0.53	U
75-01-4	Vinyl chloride	ND	0.92	0.31	U
75-00-3	Chloroethane	ND	1.8	0.41	U
75-35-4	1,1-Dichloroethene	ND	0.92	0.22	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-07	Date Collected	: 08/25/20 15:55
Client ID	: SOIL-SW-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A16	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.4	0.12	U
79-01-6	Trichloroethene	ND	0.46	0.12	U
95-50-1	1,2-Dichlorobenzene	0.54	1.8	0.13	J J+
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.8	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.8	0.18	U
179601-23-1	p/m-Xylene	13	1.8	0.51	J+
95-47-6	o-Xylene	0.36	0.92	0.27	J J+
156-59-2	cis-1,2-Dichloroethene	0.22	0.92	0.16	J J+
100-42-5	Styrene	ND	0.92	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.2	0.84	U
67-64-1	Acetone	6.1	9.2	4.4	J J+
75-15-0	Carbon disulfide	ND	9.2	4.2	U
78-93-3	2-Butanone	ND	9.2	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	9.2	1.2	U
591-78-6	2-Hexanone	ND	9.2	1.1	U
74-97-5	Bromochloromethane	ND	1.8	0.19	U
106-93-4	1,2-Dibromoethane	ND	0.92	0.26	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.92	U
98-82-8	Isopropylbenzene	16	0.92	0.10	J+
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.30	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.25	U
79-20-9	Methyl Acetate	ND	3.7	0.87	U
110-82-7	Cyclohexane	3.7	9.2	0.50	J J+
123-91-1	1,4-Dioxane	ND	73	32.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-07	Date Collected	: 08/25/20 15:55
Client ID	: SOIL-SW-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 13:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A16	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 83
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	3.7	0.64	U
108-87-2	Methyl cyclohexane	38	3.7	0.55	J+

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-08	Date Collected	: 08/25/20 15:25
Client ID	: SOIL-B-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 09:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A07	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 66
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.9	3.2	U
75-34-3	1,1-Dichloroethane	ND	1.4	0.20	U
67-66-3	Chloroform	ND	2.1	0.19	U
56-23-5	Carbon tetrachloride	ND	1.4	0.32	U
78-87-5	1,2-Dichloropropane	ND	1.4	0.17	U
124-48-1	Dibromochloromethane	ND	1.4	0.19	U
79-00-5	1,1,2-Trichloroethane	ND	1.4	0.37	U
127-18-4	Tetrachloroethene	ND	0.69	0.27	U
108-90-7	Chlorobenzene	ND	0.69	0.18	U
75-69-4	Trichlorofluoromethane	ND	5.5	0.96	U
107-06-2	1,2-Dichloroethane	ND	1.4	0.36	U
71-55-6	1,1,1-Trichloroethane	ND	0.69	0.23	U
75-27-4	Bromodichloromethane	ND	0.69	0.15	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.4	0.38	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.69	0.22	U
75-25-2	Bromoform	ND	5.5	0.34	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.69	0.23	U
71-43-2	Benzene	27	0.69	0.23	
108-88-3	Toluene	ND	1.4	0.75	U
100-41-4	Ethylbenzene	ND	1.4	0.20	U
74-87-3	Chloromethane	ND	5.5	1.3	U
74-83-9	Bromomethane	ND	2.8	0.80	U
75-01-4	Vinyl chloride	ND	1.4	0.46	U
75-00-3	Chloroethane	ND	2.8	0.62	U
75-35-4	1,1-Dichloroethene	ND	1.4	0.33	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-08	Date Collected	: 08/25/20 15:25
Client ID	: SOIL-B-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 09:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A07	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 66
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.1	0.19	U
79-01-6	Trichloroethene	ND	0.69	0.19	U
95-50-1	1,2-Dichlorobenzene	ND	2.8	0.20	U
541-73-1	1,3-Dichlorobenzene	ND	2.8	0.20	U
106-46-7	1,4-Dichlorobenzene	ND	2.8	0.24	U
1634-04-4	Methyl tert butyl ether	ND	2.8	0.28	U
179601-23-1	p/m-Xylene	ND	2.8	0.78	U
95-47-6	o-Xylene	ND	1.4	0.40	U
156-59-2	cis-1,2-Dichloroethene	ND	1.4	0.24	U
100-42-5	Styrene	ND	1.4	0.27	U
75-71-8	Dichlorodifluoromethane	ND	14	1.3	U
67-64-1	Acetone	37	14	6.6	
75-15-0	Carbon disulfide	ND	14	6.3	U
78-93-3	2-Butanone	ND	14	3.1	U
108-10-1	4-Methyl-2-pentanone	ND	14	1.8	U
591-78-6	2-Hexanone	ND	14	1.6	U
74-97-5	Bromochloromethane	ND	2.8	0.28	U
106-93-4	1,2-Dibromoethane	ND	1.4	0.39	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4.2	1.4	U
98-82-8	Isopropylbenzene	3.2	1.4	0.15	
87-61-6	1,2,3-Trichlorobenzene	ND	2.8	0.44	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.8	0.38	U
79-20-9	Methyl Acetate	ND	5.5	1.3	U
110-82-7	Cyclohexane	10	14	0.75	J
123-91-1	1,4-Dioxane	ND	110	48.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-08	Date Collected	: 08/25/20 15:25
Client ID	: SOIL-B-302	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 09:41
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A07	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 66
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	5.5	0.96	U
108-87-2	Methyl cyclohexane	35	5.5	0.83	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-09D	Date Collected	: 08/25/20 15:30
Client ID	: SOIL-B-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 09:20
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V17200826A07	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	850	390	U
75-34-3	1,1-Dichloroethane	ND	170	25.	U
67-66-3	Chloroform	ND	260	24.	U
56-23-5	Carbon tetrachloride	ND	170	39.	U
78-87-5	1,2-Dichloropropane	ND	170	21.	U
124-48-1	Dibromochloromethane	ND	170	24.	U
79-00-5	1,1,2-Trichloroethane	ND	170	46.	U
127-18-4	Tetrachloroethene	ND	85	33.	U
108-90-7	Chlorobenzene	ND	85	22.	U
75-69-4	Trichlorofluoromethane	ND	680	120	U
107-06-2	1,2-Dichloroethane	ND	170	44.	U
71-55-6	1,1,1-Trichloroethane	ND	85	28.	U
75-27-4	Bromodichloromethane	ND	85	19.	U
10061-02-6	trans-1,3-Dichloropropene	ND	170	47.	U
10061-01-5	cis-1,3-Dichloropropene	ND	85	27.	U
75-25-2	Bromoform	ND	680	42.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	85	28.	U
71-43-2	Benzene	81	85	28.	J J+
108-88-3	Toluene	ND	170	93.	U
100-41-4	Ethylbenzene	800	170	24.	J+
74-87-3	Chloromethane	ND	680	160	U
74-83-9	Bromomethane	ND	340	99.	U
75-01-4	Vinyl chloride	ND	170	57.	U
75-00-3	Chloroethane	ND	340	77.	U
75-35-4	1,1-Dichloroethene	ND	170	41.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-09D	Date Collected	: 08/25/20 15:30
Client ID	: SOIL-B-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 09:20
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V17200826A07	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	260	23.	U
79-01-6	Trichloroethene	ND	85	23.	U
95-50-1	1,2-Dichlorobenzene	200	340	25.	J J+
541-73-1	1,3-Dichlorobenzene	ND	340	25.	U
106-46-7	1,4-Dichlorobenzene	ND	340	29.	U
1634-04-4	Methyl tert butyl ether	ND	340	34.	U
179601-23-1	p/m-Xylene	2100	340	96.	J+
95-47-6	o-Xylene	ND	170	50.	U
156-59-2	cis-1,2-Dichloroethene	ND	170	30.	U
100-42-5	Styrene	ND	170	33.	U
75-71-8	Dichlorodifluoromethane	ND	1700	160	U
67-64-1	Acetone	ND	1700	820	U
75-15-0	Carbon disulfide	ND	1700	780	U
78-93-3	2-Butanone	ND	1700	380	U
108-10-1	4-Methyl-2-pentanone	ND	1700	220	U
591-78-6	2-Hexanone	ND	1700	200	U
74-97-5	Bromochloromethane	ND	340	35.	U
106-93-4	1,2-Dibromoethane	ND	170	48.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	510	170	U
98-82-8	Isopropylbenzene	2300	170	19.	J+
87-61-6	1,2,3-Trichlorobenzene	ND	340	55.	U
120-82-1	1,2,4-Trichlorobenzene	ND	340	46.	U
79-20-9	Methyl Acetate	ND	680	160	U
110-82-7	Cyclohexane	140	1700	93.	J J+
123-91-1	1,4-Dioxane	ND	14000	6000	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-09D	Date Collected	: 08/25/20 15:30
Client ID	: SOIL-B-303	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 09:20
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V17200826A07	Instrument ID	: VOA117
Sample Amount	: 5.9 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	680	120	U
108-87-2	Methyl cyclohexane	1900	680	100	J+

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-10	Date Collected	: 08/25/20 15:35
Client ID	: SOIL-B-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 10:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A09	Instrument ID	: VOA100
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 54
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	10	4.8	U
75-34-3	1,1-Dichloroethane	ND	2.1	0.30	U
67-66-3	Chloroform	ND	3.1	0.29	U
56-23-5	Carbon tetrachloride	ND	2.1	0.48	U
78-87-5	1,2-Dichloropropane	ND	2.1	0.26	U
124-48-1	Dibromochloromethane	ND	2.1	0.29	U
79-00-5	1,1,2-Trichloroethane	ND	2.1	0.56	U
127-18-4	Tetrachloroethene	ND	1.0	0.41	U
108-90-7	Chlorobenzene	ND	1.0	0.26	U
75-69-4	Trichlorofluoromethane	ND	8.3	1.4	U
107-06-2	1,2-Dichloroethane	ND	2.1	0.54	U
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.35	U
75-27-4	Bromodichloromethane	ND	1.0	0.23	U
10061-02-6	trans-1,3-Dichloropropene	ND	2.1	0.57	U
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.33	U
75-25-2	Bromoform	ND	8.3	0.51	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.35	U
71-43-2	Benzene	0.66	1.0	0.35	J J+
108-88-3	Toluene	ND	2.1	1.1	U
100-41-4	Ethylbenzene	0.93	2.1	0.29	J J+
74-87-3	Chloromethane	ND	8.3	1.9	U
74-83-9	Bromomethane	ND	4.2	1.2	U
75-01-4	Vinyl chloride	ND	2.1	0.70	U
75-00-3	Chloroethane	ND	4.2	0.94	U
75-35-4	1,1-Dichloroethene	ND	2.1	0.50	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-10	Date Collected	: 08/25/20 15:35
Client ID	: SOIL-B-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 10:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A09	Instrument ID	: VOA100
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 54
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	3.1	0.28	U
79-01-6	Trichloroethene	ND	1.0	0.28	U
95-50-1	1,2-Dichlorobenzene	3.0	4.2	0.30	J J+
541-73-1	1,3-Dichlorobenzene	ND	4.2	0.31	U
106-46-7	1,4-Dichlorobenzene	ND	4.2	0.36	U
1634-04-4	Methyl tert butyl ether	ND	4.2	0.42	U
179601-23-1	p/m-Xylene	5.0	4.2	1.2	J+
95-47-6	o-Xylene	ND	2.1	0.61	U
156-59-2	cis-1,2-Dichloroethene	ND	2.1	0.36	U
100-42-5	Styrene	ND	2.1	0.41	U
75-71-8	Dichlorodifluoromethane	ND	21	1.9	U
67-64-1	Acetone	180	21	10.	J+
75-15-0	Carbon disulfide	ND	21	9.5	U
78-93-3	2-Butanone	39	21	4.6	J+
108-10-1	4-Methyl-2-pentanone	ND	21	2.7	U
591-78-6	2-Hexanone	ND	21	2.5	U
74-97-5	Bromochloromethane	ND	4.2	0.43	U
106-93-4	1,2-Dibromoethane	ND	2.1	0.58	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	6.2	2.1	U
98-82-8	Isopropylbenzene	26	2.1	0.23	J+
87-61-6	1,2,3-Trichlorobenzene	ND	4.2	0.67	U
120-82-1	1,2,4-Trichlorobenzene	ND	4.2	0.57	U
79-20-9	Methyl Acetate	ND	8.3	2.0	U
110-82-7	Cyclohexane	4.8	21	1.1	J J+
123-91-1	1,4-Dioxane	ND	170	73.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-10	Date Collected	: 08/25/20 15:35
Client ID	: SOIL-B-304	Date Received	: 08/25/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/26/20 10:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: AD
Lab File ID	: V00200826A09	Instrument ID	: VOA100
Sample Amount	: 4.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 54
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	8.3	1.4	U
108-87-2	Methyl cyclohexane	67	8.3	1.2	J+

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-11	Date Collected	: 08/26/20 09:50
Client ID	: SOIL-SW-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V26200827A10	Instrument ID	: VOA126
Sample Amount	: 6.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 70
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.2	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U
127-18-4	Tetrachloroethene	ND	0.52	0.20	U
108-90-7	Chlorobenzene	52	0.52	0.13	J+
75-69-4	Trichlorofluoromethane	ND	4.1	0.72	U
107-06-2	1,2-Dichloroethane	0.36	1.0	0.26	J J+
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.17	U
75-27-4	Bromodichloromethane	ND	0.52	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.16	U
75-25-2	Bromoform	ND	4.1	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U
71-43-2	Benzene	14	0.52	0.17	J+
108-88-3	Toluene	ND	1.0	0.56	U
100-41-4	Ethylbenzene	0.66	1.0	0.14	J J+
74-87-3	Chloromethane	ND	4.1	0.96	U
74-83-9	Bromomethane	ND	2.1	0.60	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.1	0.47	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-11	Date Collected	: 08/26/20 09:50
Client ID	: SOIL-SW-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V26200827A10	Instrument ID	: VOA126
Sample Amount	: 6.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 70
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.52	0.14	U
95-50-1	1,2-Dichlorobenzene	4.5	2.1	0.15	J+
541-73-1	1,3-Dichlorobenzene	0.62	2.1	0.15	J J+
106-46-7	1,4-Dichlorobenzene	10	2.1	0.18	J+
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U
179601-23-1	p/m-Xylene	0.91	2.1	0.58	J J+
95-47-6	o-Xylene	0.63	1.0	0.30	J J+
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.94	U
67-64-1	Acetone	34	10	5.0	J+
75-15-0	Carbon disulfide	12	10	4.7	J+
78-93-3	2-Butanone	9.2	10	2.3	J J+
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.1	0.21	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U
98-82-8	Isopropylbenzene	260	1.0	0.11	J+
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.33	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U
79-20-9	Methyl Acetate	ND	4.1	0.98	U
110-82-7	Cyclohexane	8.7	10	0.56	J J+
123-91-1	1,4-Dioxane	ND	82	36.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-11	Date Collected	: 08/26/20 09:50
Client ID	: SOIL-SW-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 12:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V26200827A10	Instrument ID	: VOA126
Sample Amount	: 6.9 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 70
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.1	0.72	U
108-87-2	Methyl cyclohexane	150	4.1	0.62	J+

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-12	Date Collected	: 08/26/20 11:40
Client ID	: SOIL-SW-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 13:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V17200827A14	Instrument ID	: VOA117
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 57
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	680	310	U
75-34-3	1,1-Dichloroethane	ND	140	20.	U
67-66-3	Chloroform	21	200	19.	J]+
56-23-5	Carbon tetrachloride	ND	140	31.	U
78-87-5	1,2-Dichloropropane	ND	140	17.	U
124-48-1	Dibromochloromethane	ND	140	19.	U
79-00-5	1,1,2-Trichloroethane	ND	140	36.	U
127-18-4	Tetrachloroethene	ND	68	27.	U
108-90-7	Chlorobenzene	ND	68	17.	U
75-69-4	Trichlorofluoromethane	ND	540	95.	U
107-06-2	1,2-Dichloroethane	ND	140	35.	U
71-55-6	1,1,1-Trichloroethane	ND	68	23.	U
75-27-4	Bromodichloromethane	ND	68	15.	U
10061-02-6	trans-1,3-Dichloropropene	ND	140	37.	U
10061-01-5	cis-1,3-Dichloropropene	ND	68	22.	U
75-25-2	Bromoform	ND	540	33.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	68	23.	U
71-43-2	Benzene	ND	68	23.	U
108-88-3	Toluene	ND	140	74.	U
100-41-4	Ethylbenzene	ND	140	19.	U
74-87-3	Chloromethane	ND	540	130	U
74-83-9	Bromomethane	ND	270	79.	U
75-01-4	Vinyl chloride	ND	140	46.	U
75-00-3	Chloroethane	ND	270	62.	U
75-35-4	1,1-Dichloroethene	ND	140	32.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-12	Date Collected	: 08/26/20 11:40
Client ID	: SOIL-SW-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 13:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V17200827A14	Instrument ID	: VOA117
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 57
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	200	19.	U
79-01-6	Trichloroethene	ND	68	19.	U
95-50-1	1,2-Dichlorobenzene	110	270	20.	J J+
541-73-1	1,3-Dichlorobenzene	38	270	20.	J J+
106-46-7	1,4-Dichlorobenzene	51	270	23.	J J+
1634-04-4	Methyl tert butyl ether	ND	270	27.	U
179601-23-1	p/m-Xylene	ND	270	76.	U
95-47-6	o-Xylene	ND	140	40.	U
156-59-2	cis-1,2-Dichloroethene	ND	140	24.	U
100-42-5	Styrene	70	140	27.	J J+
75-71-8	Dichlorodifluoromethane	ND	1400	120	U
67-64-1	Acetone	ND	1400	660	U
75-15-0	Carbon disulfide	ND	1400	620	U
78-93-3	2-Butanone	400	1400	300	J J+
108-10-1	4-Methyl-2-pentanone	ND	1400	170	U
591-78-6	2-Hexanone	ND	1400	160	U
74-97-5	Bromochloromethane	ND	270	28.	U
106-93-4	1,2-Dibromoethane	ND	140	38.	U
96-12-8	1,2-Dibromo-3-chloropropane	160	410	140	J J+
98-82-8	Isopropylbenzene	7700	140	15.	J+
87-61-6	1,2,3-Trichlorobenzene	160	270	44.	J J+
120-82-1	1,2,4-Trichlorobenzene	140	270	37.	J J+
79-20-9	Methyl Acetate	610	540	130	J+
110-82-7	Cyclohexane	ND	1400	74.	U
123-91-1	1,4-Dioxane	ND	11000	4800	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-12	Date Collected	: 08/26/20 11:40
Client ID	: SOIL-SW-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 13:17
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MKS
Lab File ID	: V17200827A14	Instrument ID	: VOA117
Sample Amount	: 4.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 57
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	540	94.	U
108-87-2	Methyl cyclohexane	510	540	82.	J J+

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-13	Date Collected	: 08/26/20 11:20
Client ID	: SOIL-B-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 15:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17200827A18	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 62
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	8.7	4.0	U UJ
75-34-3	1,1-Dichloroethane	ND	1.7	0.25	U UJ
67-66-3	Chloroform	ND	2.6	0.24	U UJ
56-23-5	Carbon tetrachloride	ND	1.7	0.40	U UJ
78-87-5	1,2-Dichloropropane	ND	1.7	0.22	U UJ
124-48-1	Dibromochloromethane	ND	1.7	0.24	U UJ
79-00-5	1,1,2-Trichloroethane	ND	1.7	0.46	U UJ
127-18-4	Tetrachloroethene	2.0	0.87	0.34	J
108-90-7	Chlorobenzene	63	0.87	0.22	J
75-69-4	Trichlorofluoromethane	ND	7.0	1.2	U UJ
107-06-2	1,2-Dichloroethane	ND	1.7	0.45	U UJ
71-55-6	1,1,1-Trichloroethane	ND	0.87	0.29	U UJ
75-27-4	Bromodichloromethane	ND	0.87	0.19	U UJ
10061-02-6	trans-1,3-Dichloropropene	ND	1.7	0.47	U UJ
10061-01-5	cis-1,3-Dichloropropene	ND	0.87	0.27	U UJ
75-25-2	Bromoform	ND	7.0	0.43	U UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.87	0.29	U UJ
71-43-2	Benzene	2.7	0.87	0.29	J
108-88-3	Toluene	ND	1.7	0.94	U UJ
100-41-4	Ethylbenzene	ND	1.7	0.24	U UJ
74-87-3	Chloromethane	ND	7.0	1.6	U UJ
74-83-9	Bromomethane	ND	3.5	1.0	U UJ
75-01-4	Vinyl chloride	ND	1.7	0.58	U UJ
75-00-3	Chloroethane	ND	3.5	0.79	U UJ
75-35-4	1,1-Dichloroethene	ND	1.7	0.41	U UJ

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-13	Date Collected	: 08/26/20 11:20
Client ID	: SOIL-B-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 15:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17200827A18	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 62
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2.6	0.24	U UJ
79-01-6	Trichloroethene	ND	0.87	0.24	U UJ
95-50-1	1,2-Dichlorobenzene	ND	3.5	0.25	U UJ
541-73-1	1,3-Dichlorobenzene	ND	3.5	0.26	U UJ
106-46-7	1,4-Dichlorobenzene	9.4	3.5	0.30	J
1634-04-4	Methyl tert butyl ether	ND	3.5	0.35	U UJ
179601-23-1	p/m-Xylene	ND	3.5	0.97	U UJ
95-47-6	o-Xylene	ND	1.7	0.51	U UJ
156-59-2	cis-1,2-Dichloroethene	0.52	1.7	0.30	J J
100-42-5	Styrene	ND	1.7	0.34	U UJ
75-71-8	Dichlorodifluoromethane	ND	17	1.6	U UJ
67-64-1	Acetone	180	17	8.4	J
75-15-0	Carbon disulfide	ND	17	7.9	U UJ
78-93-3	2-Butanone	37	17	3.9	J
108-10-1	4-Methyl-2-pentanone	ND	17	2.2	U UJ
591-78-6	2-Hexanone	ND	17	2.0	U UJ
74-97-5	Bromochloromethane	ND	3.5	0.36	U UJ
106-93-4	1,2-Dibromoethane	ND	1.7	0.48	U UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.2	1.7	U UJ
98-82-8	Isopropylbenzene	700	1.7	0.19	E J
87-61-6	1,2,3-Trichlorobenzene	ND	3.5	0.56	U UJ
120-82-1	1,2,4-Trichlorobenzene	ND	3.5	0.47	U UJ
79-20-9	Methyl Acetate	ND	7.0	1.6	U UJ
110-82-7	Cyclohexane	22	17	0.95	J
123-91-1	1,4-Dioxane	ND	140	61.	U UJ

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-13	Date Collected	: 08/26/20 11:20
Client ID	: SOIL-B-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 15:02
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17200827A18	Instrument ID	: VOA117
Sample Amount	: 4.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 62
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	7.0	1.2	U UJ
108-87-2	Methyl cyclohexane	360	7.0	1.0	J

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-13	Date Collected	: 08/26/20 11:20
Client ID	: SOIL-B-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 10:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V26200827A07	Instrument ID	: VOA126
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 62
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	650	300	U
75-34-3	1,1-Dichloroethane	ND	130	19.	U
67-66-3	Chloroform	ND	190	18.	U
56-23-5	Carbon tetrachloride	ND	130	30.	U
78-87-5	1,2-Dichloropropane	ND	130	16.	U
124-48-1	Dibromochloromethane	ND	130	18.	U
79-00-5	1,1,2-Trichloroethane	ND	130	34.	U
127-18-4	Tetrachloroethene	ND	65	25.	U
108-90-7	Chlorobenzene	570	65	16.	
75-69-4	Trichlorofluoromethane	ND	520	90.	U
107-06-2	1,2-Dichloroethane	ND	130	33.	U
71-55-6	1,1,1-Trichloroethane	ND	65	22.	U
75-27-4	Bromodichloromethane	ND	65	14.	U
10061-02-6	trans-1,3-Dichloropropene	ND	130	35.	U
10061-01-5	cis-1,3-Dichloropropene	ND	65	20.	U
75-25-2	Bromoform	ND	520	32.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	65	21.	U
71-43-2	Benzene	ND	65	21.	U
108-88-3	Toluene	ND	130	70.	U
100-41-4	Ethylbenzene	ND	130	18.	U
74-87-3	Chloromethane	ND	520	120	U
74-83-9	Bromomethane	ND	260	75.	U
75-01-4	Vinyl chloride	ND	130	43.	U
75-00-3	Chloroethane	ND	260	58.	U
75-35-4	1,1-Dichloroethene	ND	130	31.	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-13	Date Collected	: 08/26/20 11:20
Client ID	: SOIL-B-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 10:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V26200827A07	Instrument ID	: VOA126
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 62
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	190	18.	U
79-01-6	Trichloroethene	ND	65	18.	U
95-50-1	1,2-Dichlorobenzene	ND	260	19.	U
541-73-1	1,3-Dichlorobenzene	ND	260	19.	U
106-46-7	1,4-Dichlorobenzene	110	260	22.	J
1634-04-4	Methyl tert butyl ether	ND	260	26.	U
179601-23-1	p/m-Xylene	ND	260	72.	U
95-47-6	o-Xylene	ND	130	38.	U
156-59-2	cis-1,2-Dichloroethene	ND	130	23.	U
100-42-5	Styrene	ND	130	25.	U
75-71-8	Dichlorodifluoromethane	ND	1300	120	U
67-64-1	Acetone	ND	1300	620	U
75-15-0	Carbon disulfide	ND	1300	590	U
78-93-3	2-Butanone	ND	1300	290	U
108-10-1	4-Methyl-2-pentanone	ND	1300	160	U
591-78-6	2-Hexanone	ND	1300	150	U
74-97-5	Bromochloromethane	ND	260	26.	U
106-93-4	1,2-Dibromoethane	ND	130	36.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	390	130	U
98-82-8	Isopropylbenzene	3000	130	14.	
87-61-6	1,2,3-Trichlorobenzene	ND	260	42.	U
120-82-1	1,2,4-Trichlorobenzene	ND	260	35.	U
79-20-9	Methyl Acetate	260	520	120	J
110-82-7	Cyclohexane	ND	1300	70.	U
123-91-1	1,4-Dioxane	ND	10000	4500	U

Results Summary
Form 1
Volatile Organics by EPA 5035 High

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-13	Date Collected	: 08/26/20 11:20
Client ID	: SOIL-B-305	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 10:15
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V26200827A07	Instrument ID	: VOA126
Sample Amount	: 4.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 62
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	520	90.	U
108-87-2	Methyl cyclohexane	790	520	78.	

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-14	Date Collected	: 08/26/20 11:50
Client ID	: SOIL-B-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 14:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17200827A16	Instrument ID	: VOA117
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 74
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.2	2.4	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	0.23	1.6	0.15	J J+
56-23-5	Carbon tetrachloride	ND	1.0	0.24	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.28	U
127-18-4	Tetrachloroethene	ND	0.52	0.20	U
108-90-7	Chlorobenzene	6.6	0.52	0.13	J+
75-69-4	Trichlorofluoromethane	ND	4.2	0.73	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.27	U
71-55-6	1,1,1-Trichloroethane	ND	0.52	0.17	U
75-27-4	Bromodichloromethane	ND	0.52	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.52	0.16	U
75-25-2	Bromoform	ND	4.2	0.26	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U
71-43-2	Benzene	0.22	0.52	0.17	J J+
108-88-3	Toluene	ND	1.0	0.57	U
100-41-4	Ethylbenzene	ND	1.0	0.15	U
74-87-3	Chloromethane	ND	4.2	0.98	U
74-83-9	Bromomethane	ND	2.1	0.61	U
75-01-4	Vinyl chloride	ND	1.0	0.35	U
75-00-3	Chloroethane	ND	2.1	0.47	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.25	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-14	Date Collected	: 08/26/20 11:50
Client ID	: SOIL-B-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 14:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17200827A16	Instrument ID	: VOA117
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 74
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.14	U
79-01-6	Trichloroethene	ND	0.52	0.14	U
95-50-1	1,2-Dichlorobenzene	0.59	2.1	0.15	J J+
541-73-1	1,3-Dichlorobenzene	0.15	2.1	0.15	J J+
106-46-7	1,4-Dichlorobenzene	1.2	2.1	0.18	J J+
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U
179601-23-1	p/m-Xylene	ND	2.1	0.59	U
95-47-6	o-Xylene	ND	1.0	0.30	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	0.30	1.0	0.20	J J+
75-71-8	Dichlorodifluoromethane	ND	10	0.96	U
67-64-1	Acetone	20	10	5.0	J+
75-15-0	Carbon disulfide	6.5	10	4.8	J J+
78-93-3	2-Butanone	3.3	10	2.3	J J+
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
74-97-5	Bromochloromethane	ND	2.1	0.21	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.29	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.1	1.0	U
98-82-8	Isopropylbenzene	1.7	1.0	0.11	J+
87-61-6	1,2,3-Trichlorobenzene	ND	2.1	0.34	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.1	0.28	U
79-20-9	Methyl Acetate	ND	4.2	0.99	U
110-82-7	Cyclohexane	2.0	10	0.57	J J+
123-91-1	1,4-Dioxane	ND	84	37.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-14	Date Collected	: 08/26/20 11:50
Client ID	: SOIL-B-306	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 14:09
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: KJD
Lab File ID	: V17200827A16	Instrument ID	: VOA117
Sample Amount	: 6.5 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 74
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	4.2	0.72	U
108-87-2	Methyl cyclohexane	28	4.2	0.63	J+

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-15D	Date Collected	: 08/26/20 12:00
Client ID	: SOIL-B-307	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 10:40
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A08	Instrument ID	: VOA117
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	1600	740	U
75-34-3	1,1-Dichloroethane	ND	320	47.	U
67-66-3	Chloroform	ND	480	45.	U
56-23-5	Carbon tetrachloride	ND	320	74.	U
78-87-5	1,2-Dichloropropane	ND	320	40.	U
124-48-1	Dibromochloromethane	ND	320	45.	U
79-00-5	1,1,2-Trichloroethane	ND	320	86.	U
127-18-4	Tetrachloroethene	ND	160	63.	U
108-90-7	Chlorobenzene	ND	160	41.	U
75-69-4	Trichlorofluoromethane	ND	1300	220	U
107-06-2	1,2-Dichloroethane	ND	320	83.	U
71-55-6	1,1,1-Trichloroethane	ND	160	54.	U
75-27-4	Bromodichloromethane	ND	160	35.	U
10061-02-6	trans-1,3-Dichloropropene	ND	320	88.	U
10061-01-5	cis-1,3-Dichloropropene	ND	160	51.	U
75-25-2	Bromoform	ND	1300	79.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	160	54.	U
71-43-2	Benzene	58	160	54.	J J+
108-88-3	Toluene	ND	320	180	U
100-41-4	Ethylbenzene	ND	320	45.	U
74-87-3	Chloromethane	ND	1300	300	U
74-83-9	Bromomethane	ND	640	190	U
75-01-4	Vinyl chloride	ND	320	110	U
75-00-3	Chloroethane	ND	640	140	U
75-35-4	1,1-Dichloroethene	ND	320	77.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-15D	Date Collected	: 08/26/20 12:00
Client ID	: SOIL-B-307	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 10:40
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A08	Instrument ID	: VOA117
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	480	44.	U
79-01-6	Trichloroethene	ND	160	44.	U
95-50-1	1,2-Dichlorobenzene	ND	640	46.	U
541-73-1	1,3-Dichlorobenzene	ND	640	48.	U
106-46-7	1,4-Dichlorobenzene	110	640	55.	J J+
1634-04-4	Methyl tert butyl ether	ND	640	65.	U
179601-23-1	p/m-Xylene	ND	640	180	U
95-47-6	o-Xylene	ND	320	94.	U
156-59-2	cis-1,2-Dichloroethene	ND	320	56.	U
100-42-5	Styrene	ND	320	63.	U
75-71-8	Dichlorodifluoromethane	ND	3200	300	U
67-64-1	Acetone	ND	3200	1600	U
75-15-0	Carbon disulfide	ND	3200	1500	U
78-93-3	2-Butanone	ND	3200	720	U
108-10-1	4-Methyl-2-pentanone	ND	3200	410	U
591-78-6	2-Hexanone	ND	3200	380	U
74-97-5	Bromochloromethane	ND	640	66.	U
106-93-4	1,2-Dibromoethane	ND	320	90.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	970	320	U
98-82-8	Isopropylbenzene	6000	320	35.	J+
87-61-6	1,2,3-Trichlorobenzene	ND	640	100	U
120-82-1	1,2,4-Trichlorobenzene	ND	640	88.	U
79-20-9	Methyl Acetate	ND	1300	310	U
110-82-7	Cyclohexane	250	3200	180	J J+
123-91-1	1,4-Dioxane	ND	26000	11000	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-15D	Date Collected	: 08/26/20 12:00
Client ID	: SOIL-B-307	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 10:40
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A08	Instrument ID	: VOA117
Sample Amount	: 6.2 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	1300	220	U
108-87-2	Methyl cyclohexane	4200	1300	190	J+

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-16D	Date Collected	: 08/26/20 12:15
Client ID	: SOIL-B-308	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 09:48
Sample Matrix	: SOIL	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A06	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 84
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	15000	6800	U
75-34-3	1,1-Dichloroethane	ND	3000	430	U
67-66-3	Chloroform	ND	4500	420	U
56-23-5	Carbon tetrachloride	ND	3000	680	U
78-87-5	1,2-Dichloropropane	ND	3000	370	U
124-48-1	Dibromochloromethane	ND	3000	420	U
79-00-5	1,1,2-Trichloroethane	ND	3000	790	U
127-18-4	Tetrachloroethene	ND	1500	580	U
108-90-7	Chlorobenzene	ND	1500	380	U
75-69-4	Trichlorofluoromethane	ND	12000	2100	U
107-06-2	1,2-Dichloroethane	ND	3000	760	U
71-55-6	1,1,1-Trichloroethane	ND	1500	500	U
75-27-4	Bromodichloromethane	ND	1500	320	U
10061-02-6	trans-1,3-Dichloropropene	ND	3000	810	U
10061-01-5	cis-1,3-Dichloropropene	ND	1500	470	U
75-25-2	Bromoform	ND	12000	730	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	1500	490	U
71-43-2	Benzene	530	1500	490	J J+
108-88-3	Toluene	ND	3000	1600	U
100-41-4	Ethylbenzene	430	3000	420	J J+
74-87-3	Chloromethane	ND	12000	2800	U
74-83-9	Bromomethane	ND	6000	1700	U
75-01-4	Vinyl chloride	ND	3000	1000	U
75-00-3	Chloroethane	ND	6000	1300	U
75-35-4	1,1-Dichloroethene	ND	3000	710	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-16D	Date Collected	: 08/26/20 12:15
Client ID	: SOIL-B-308	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 09:48
Sample Matrix	: SOIL	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A06	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 84
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	4500	410	U
79-01-6	Trichloroethene	ND	1500	410	U
95-50-1	1,2-Dichlorobenzene	ND	6000	430	U
541-73-1	1,3-Dichlorobenzene	ND	6000	440	U
106-46-7	1,4-Dichlorobenzene	660	6000	510	J J+
1634-04-4	Methyl tert butyl ether	ND	6000	600	U
179601-23-1	p/m-Xylene	ND	6000	1700	U
95-47-6	o-Xylene	ND	3000	860	U
156-59-2	cis-1,2-Dichloroethene	ND	3000	520	U
100-42-5	Styrene	760	3000	580	J J+
75-71-8	Dichlorodifluoromethane	ND	30000	2700	U
67-64-1	Acetone	ND	30000	14000	U
75-15-0	Carbon disulfide	ND	30000	14000	U
78-93-3	2-Butanone	ND	30000	6600	U
108-10-1	4-Methyl-2-pentanone	ND	30000	3800	U
591-78-6	2-Hexanone	ND	30000	3500	U
74-97-5	Bromochloromethane	ND	6000	610	U
106-93-4	1,2-Dibromoethane	ND	3000	830	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	8900	3000	U
98-82-8	Isopropylbenzene	31000	3000	320	J+
87-61-6	1,2,3-Trichlorobenzene	ND	6000	960	U
120-82-1	1,2,4-Trichlorobenzene	ND	6000	810	U
79-20-9	Methyl Acetate	ND	12000	2800	U
110-82-7	Cyclohexane	2000	30000	1600	J J+
123-91-1	1,4-Dioxane	ND	240000	100000	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-16D	Date Collected	: 08/26/20 12:15
Client ID	: SOIL-B-308	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 09:48
Sample Matrix	: SOIL	Dilution Factor	: 50
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A06	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 84
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	12000	2100	U
108-87-2	Methyl cyclohexane	20000	12000	1800	J+

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-17D	Date Collected	: 08/26/20 12:00
Client ID	: SOIL-DUP-001	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 10:15
Sample Matrix	: SOIL	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A07	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6800	3100	U
75-34-3	1,1-Dichloroethane	ND	1400	200	U
67-66-3	Chloroform	ND	2000	190	U
56-23-5	Carbon tetrachloride	ND	1400	310	U
78-87-5	1,2-Dichloropropane	ND	1400	170	U
124-48-1	Dibromochloromethane	ND	1400	190	U
79-00-5	1,1,2-Trichloroethane	ND	1400	360	U
127-18-4	Tetrachloroethene	ND	680	270	U
108-90-7	Chlorobenzene	ND	680	170	U
75-69-4	Trichlorofluoromethane	ND	5400	950	U
107-06-2	1,2-Dichloroethane	ND	1400	350	U
71-55-6	1,1,1-Trichloroethane	ND	680	230	U
75-27-4	Bromodichloromethane	ND	680	150	U
10061-02-6	trans-1,3-Dichloropropene	ND	1400	370	U
10061-01-5	cis-1,3-Dichloropropene	ND	680	220	U
75-25-2	Bromoform	ND	5400	340	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	680	230	U
71-43-2	Benzene	ND	680	230	U
108-88-3	Toluene	ND	1400	740	U
100-41-4	Ethylbenzene	ND	1400	190	U
74-87-3	Chloromethane	ND	5400	1300	U
74-83-9	Bromomethane	ND	2700	790	U
75-01-4	Vinyl chloride	ND	1400	460	U
75-00-3	Chloroethane	ND	2700	620	U
75-35-4	1,1-Dichloroethene	ND	1400	320	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-17D	Date Collected	: 08/26/20 12:00
Client ID	: SOIL-DUP-001	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 10:15
Sample Matrix	: SOIL	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A07	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

CAS NO.	Parameter	ug/Kg Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	2000	190	U
79-01-6	Trichloroethene	ND	680	190	U
95-50-1	1,2-Dichlorobenzene	ND	2700	200	U
541-73-1	1,3-Dichlorobenzene	ND	2700	200	U
106-46-7	1,4-Dichlorobenzene	350	2700	230	J J+
1634-04-4	Methyl tert butyl ether	ND	2700	270	U
179601-23-1	p/m-Xylene	ND	2700	760	U
95-47-6	o-Xylene	ND	1400	400	U
156-59-2	cis-1,2-Dichloroethene	ND	1400	240	U
100-42-5	Styrene	ND	1400	270	U
75-71-8	Dichlorodifluoromethane	ND	14000	1200	U
67-64-1	Acetone	ND	14000	6600	U
75-15-0	Carbon disulfide	ND	14000	6200	U
78-93-3	2-Butanone	ND	14000	3000	U
108-10-1	4-Methyl-2-pentanone	ND	14000	1700	U
591-78-6	2-Hexanone	ND	14000	1600	U
74-97-5	Bromochloromethane	ND	2700	280	U
106-93-4	1,2-Dibromoethane	ND	1400	380	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	4100	1400	U
98-82-8	Isopropylbenzene	17000	1400	150	J+
87-61-6	1,2,3-Trichlorobenzene	ND	2700	440	U
120-82-1	1,2,4-Trichlorobenzene	ND	2700	370	U
79-20-9	Methyl Acetate	ND	5400	1300	U
110-82-7	Cyclohexane	760	14000	740	J J+
123-91-1	1,4-Dioxane	ND	110000	48000	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-17D	Date Collected	: 08/26/20 12:00
Client ID	: SOIL-DUP-001	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 10:15
Sample Matrix	: SOIL	Dilution Factor	: 20
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A07	Instrument ID	: VOA117
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	5400	940	U
108-87-2	Methyl cyclohexane	11000	5400	820	J+

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-18	Date Collected	: 08/26/20 14:30
Client ID	: SOIL-B-309	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 11:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A10	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 82
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	310	140	U
75-34-3	1,1-Dichloroethane	ND	62	9.0	U
67-66-3	Chloroform	ND	93	8.6	U
56-23-5	Carbon tetrachloride	ND	62	14.	U
78-87-5	1,2-Dichloropropane	ND	62	7.7	U
124-48-1	Dibromochloromethane	ND	62	8.6	U
79-00-5	1,1,2-Trichloroethane	ND	62	16.	U
127-18-4	Tetrachloroethene	240	31	12.	J+
108-90-7	Chlorobenzene	ND	31	7.8	U
75-69-4	Trichlorofluoromethane	ND	250	43.	U
107-06-2	1,2-Dichloroethane	ND	62	16.	U
71-55-6	1,1,1-Trichloroethane	ND	31	10.	U
75-27-4	Bromodichloromethane	ND	31	6.7	U
10061-02-6	trans-1,3-Dichloropropene	ND	62	17.	U
10061-01-5	cis-1,3-Dichloropropene	ND	31	9.8	U
75-25-2	Bromoform	ND	250	15.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	31	10.	U
71-43-2	Benzene	ND	31	10.	U
108-88-3	Toluene	ND	62	34.	U
100-41-4	Ethylbenzene	ND	62	8.7	U
74-87-3	Chloromethane	ND	250	58.	U
74-83-9	Bromomethane	ND	120	36.	U
75-01-4	Vinyl chloride	ND	62	21.	U
75-00-3	Chloroethane	ND	120	28.	U
75-35-4	1,1-Dichloroethene	ND	62	15.	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-18	Date Collected	: 08/26/20 14:30
Client ID	: SOIL-B-309	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 11:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A10	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 82
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	93	8.5	U
79-01-6	Trichloroethene	29	31	8.5	J J+
95-50-1	1,2-Dichlorobenzene	82	120	8.9	J J+
541-73-1	1,3-Dichlorobenzene	ND	120	9.1	U
106-46-7	1,4-Dichlorobenzene	36	120	10.	J J+
1634-04-4	Methyl tert butyl ether	ND	120	12.	U
179601-23-1	p/m-Xylene	ND	120	34.	U
95-47-6	o-Xylene	ND	62	18.	U
156-59-2	cis-1,2-Dichloroethene	17	62	11.	J J+
100-42-5	Styrene	ND	62	12.	U
75-71-8	Dichlorodifluoromethane	ND	620	56.	U
67-64-1	Acetone	ND	620	300	U
75-15-0	Carbon disulfide	ND	620	280	U
78-93-3	2-Butanone	260	620	140	J J+
108-10-1	4-Methyl-2-pentanone	ND	620	79.	U
591-78-6	2-Hexanone	ND	620	73.	U
74-97-5	Bromochloromethane	ND	120	13.	U
106-93-4	1,2-Dibromoethane	ND	62	17.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	180	62.	U
98-82-8	Isopropylbenzene	1000	62	6.7	J+
87-61-6	1,2,3-Trichlorobenzene	ND	120	20.	U
120-82-1	1,2,4-Trichlorobenzene	ND	120	17.	U
79-20-9	Methyl Acetate	120	250	59.	J J+
110-82-7	Cyclohexane	ND	620	34.	U
123-91-1	1,4-Dioxane	ND	4900	2200	U

Results Summary
Form 1
Volatile Organics by EPA 5035

Client	: CHA Companies	Lab Number	: L2033945
Project Name	: FORMER COYNE TEXTILE	Project Number	: 59294
Lab ID	: L2033945-18	Date Collected	: 08/26/20 14:30
Client ID	: SOIL-B-309	Date Received	: 08/26/20
Sample Location	: SYRACUSE, NY	Date Analyzed	: 08/27/20 11:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260C	Analyst	: MV
Lab File ID	: V17200827A10	Instrument ID	: VOA117
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 82
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
76-13-1	Freon-113	ND	250	43.	U
108-87-2	Methyl cyclohexane	560	250	37.	J+

CHA