Remedial Investigation Addendum Report

Gateway Syracuse Apartments
NYSDEC Site No.: C734167
709 E. Fayette Street
Syracuse, New York 13210

CHA Project Number: 086328.000

July 2026

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CERTIFICATION

I certify that I am a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with 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)



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Printed Name of Certifying Engineer

Samantha J. Miller
Signature of Certifying Engineer

Senior Engineer
Title

July 31, 2026
Date of Certification

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New York State
Registration State

August 31, 2028
Registration Expiration Date

CHA Consulting, Inc.
Company

0021745
Company Certificate of Authorization No.

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List of Acronyms & Abbreviations

AOC	Area of Concern
BCA	Brownfield Cleanup Agreement
CHA	CHA Consulting, Inc
DER-10	Division of Environmental Remediation program policy 10
DRO	Diesel Range Organics
DUSR	Data Usability Summary Report
ELAP	Environmental Laboratory Approval Program
ERP	Environmental Restoration Program
GPS	Global Positioning System
GRO	Gasoline Range Organics
IDW	Investigation Derived Waste
MS/MSD	Matrix Spike/Matrix Spike Duplicate
NYCRR	Title 6 New York State Codes, Rules, and Regulations
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYSDOT	New York State Department of Transportation
PCB	Polychlorinated Biphenyls
PFAS	Per- and Polyfluoroalkyl Substances
PFOS	Perfluorooctanesulfonic Acid (PFOS)
PID	Photoionization Detector
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RI	Remedial Investigation Report
RIWP	Remedial Investigation Work Plan
ROD	Record of Decision
RPD	Relative Percent Difference
SCO	Title 6 of the New York Codes, Rules and Regulations Soil Cleanup Objective
SSDS	Sub-Slab Depressurization System
SVOC	Semivolatile Organic Compound
TAL	Target Analyte List
TCL	Target Contaminant List
TCLP	Toxicity Characteristic Leaching Procedure
TIC	Tentatively Identified Compound
TMP	Tax Map Parcel
TOGS 1.1.1	Technical and Operational Guidance Series 1.1.1
USDA	United States Department of Agriculture
USEPA	United State Environmental Protection Agency
USGS	United States Geological Survey
VISL	Vapor Intrusion Screening Limits
VOC	Volatile Organic Compound
Mg/kg	milligram per kilogram
µg/L	microgram per liter

1.0 INTRODUCTION

GW Syracuse LLC (GW Syracuse) initially entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) on February 10, 2025. A Remedial Investigation Work Plan (RIWP) was developed for the acreage approved in the original BCA. The investigation was completed in April 2025 and a Remedial Investigation Report (RI Report) was developed and submitted in October 2025. Subsequently, an amendment to this agreement was submitted to identify a new property owner and expand the acreage included within the BCA to encompass the entirety of tax map parcel (TMP) 030.-16-03.1 at the address 709 East Fayette Street in the City of Syracuse, New York (Site). The new owner is GW Almond Associates LLC (GW Almond) and the Site was expanded from 0.43 acres to 1.29 aces. Figure 1 identifies each of these areas.

Amendment No. 1 to the BCA was approved on March 20, 2026, and a supplemental investigation was deemed necessary to further delineate the extent of contamination for the 0.86 acres (the Site) added to the BCA.

This Remedial Investigation Addendum Report, herein referred to as the "the Addendum Report", was prepared by CHA Consulting, Inc. (CHA) in conformance with the approved Remedial Investigation Work Plan Addendum, dated April 30th, 2026. The RI Report (CHA, October 2025) is referenced in this addendum as the project documents remain in effect. However, this Addendum Report specifically outlines the procedures that were utilized to conduct a comprehensive environmental investigation across the new area, summarizes the results of the investigation, and identifies the next steps for addressing contamination at the Site.

1.1 Report Organization

This Report is organized as follows:

- Section 2.0 summarizes the Site setting and physical characteristics;
- Section 3.0 summarizes the Site history;
- Section 4.0 summarizes previous Site investigations;
- Section 5.0 summarizes the 2026 Site remedial investigation activities and methodologies;
- Section 6.0 summarizes the remedial investigation results;
- Section 7.0 summarizes the data usability;
- Section 8.0 summarizes the nature and extent of contamination at the Site;
- Section 9.0 summarizes qualitative exposure assessment completed based on current and historic data; and
- Section 10.0 presents the conclusions and recommendations regarding the environmental status of the Site.

2.0 SITE SETTING AND PHYSICAL CHARACTERISTICS

2.1 Site Description

The Site consists of a vacant car wash garage, a two story office building and an asphalt parking lot. The Site is located in an urban area of the City of Syracuse, Onondaga County, New York and is generally bounded by East Washington Street to the north, a church, restaurant building and undeveloped urban land to the east, East Fayette Street to the south and Almond Street and Interstate-81 to the west (Figure 2). Specifically, the Site consists of two vacant buildings, a single story slab on grade car wash garage and a two story office building, including a basement. An underground vault is located within the southern portion of the car wash building.

The Site is currently vacant and is zoned for commercial use. The general area surrounding the Site is highly developed and primarily consists of commercial facilities.

2.2 Surface Features

In addition to the buildings and use described in the previous section, the Site surface primarily consists of an asphalt-paved parking lot and concrete sidewalks. A chain-link fence is present between the gas station property and addendum property. Surrounding land uses include the Syracuse Center of Excellence office building, a parking garage, apartments, a vacant church, a restaurant, an interstate highway, and various urban roads.

2.3 Subsurface Features

According to the United States Department of Agriculture (USDA) Web Soil Survey, the soil beneath the Site is indicative of Urban Land, which by definition, is a soil material having a non-agricultural, manmade surface layer that has been produced by mixing, and filling, in urban and suburban areas. Surficial geology consists mostly of lacustrine silts and clays. Bedrock at the Site is mapped by the United States Geological Survey (USGS) as the Syracuse formation, which consists of dolostone and shale.

The Site is generally flat, with no noticeable slope in any direction. However, according to publicly available records and the Record of Decision (ROD) for the adjacent property to the north of the Site (Midtown Plaza/Syracuse University's Center of Excellence), the groundwater flow is shown flowing to the southeast.

3.0 SITE HISTORY

According to the Phase I ESA prepared by CHA (dated February 22, 2024), The Site was occupied by various residential dwellings, a carriage house and livery as early as the 1892 records. The Site remained similarly developed until the mid-1900s when commercial development began. The most recent occupant of the Site was a car wash garage and an office building.

The Erie Canal was present to the north of the Site until it was drained and filled within the City of Syracuse. Properties in and around the area were impacted by various debris as a new roadway corridor (Erie Boulevard) took its place in the 1920's and 1930's. Urban fill from the demolition of the canal and the construction of Erie Boulevard were often placed and spread on surrounding properties.

4.0 PREVIOUS INVESTIGATIONS

To evaluate the additional 0.86 acres added to the BCA, sixteen test pits were excavated across the Site in June and December 2025 to facilitate the collection of subsurface soil samples. Data from these investigations confirmed subsurface soils are impacted by metals and semivolatile organic compounds (SVOCs) as further described in the following sections.

In addition to the soil investigation, in December 2025 CHA inspected the interior of the car wash building in areas that were not previously accessible. During the investigation, a subsurface vault was observed under a steel plate near the south end of the building. Upon removal of the steel floor plate, CHA discovered product impacted liquid and collected a sample for analysis. Results identified significant diesel range organics (DRO), gasoline range organics (GRO), SVOCs and metals in the liquid sample.

4.1.1 Test Pit Soil Samples

Results from these investigations are presented in Table 1. Only the detected compounds are displayed and the full laboratory report is included in Appendix A. Results were compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 Soil Cleanup Objectives (SCO) for Restricted Residential Use sites and Protection of Groundwater SCOs. Metals barium, lead and mercury were above the Restricted Residential SCOs and Protection of Groundwater SCOs, respectively, in several locations across the site. The location of the test pits and related exceedances are identified on Figure 3.

Although volatile organic compounds (VOCs) and SVOCs were detected, the parameters do not exceed the Restricted Residential SCOs.

4.1.2 Underground Vault Aqueous Sample

Results for the liquid sampled from within the underground vault are presented in Table 2. Only the detected compounds are displayed and the full laboratory report is included in Appendix A. Results were compared to New York Technical and Operational Guidance Values Series (TOGS 1.1.1). Parameters exceeding the TOGS 1.1.1 guidance values are shaded yellow. There were detections of DRO and GRO along with VOCs, SVOCs and metals above their respective TOGS 1.1.1 guidance values within the underground vault water.

5.0 REMEDIAL INVESTIGATION

The primary RI Addendum activities were completed between May 13 and May 15, 2026 to further characterize Site media. Additional groundwater sampling (described in Section 5.3.2) was conducted May 18th, 2026. Field activities were conducted in accordance with United States Environmental Protection Agency (USEPA) and NYSDEC protocols, the NYSDEC-approved *Addendum to the Remedial Investigation Work Plan*, (CHA, April 2026). The specific field activities for investigating site wide soil, soil vapor and groundwater contamination that were completed as part of the site characterization are described in the following sections.

5.1 Shallow Subsurface Soil

Surface soils were evaluated during test pit investigations in June and December 2025 where test pits were excavated and sampled to provide data for the amendment to the BCA. Therefore, no supplemental surface samples were collected as part of this Addendum.

5.2 Subsurface Soil

Subsurface soils across the Site are well characterized, particularly around the suspect source of contamination: the Former Gasoline Service Station. To fully evaluate the additional land area added to the BCA, supplemental soil borings were installed in the locations identified on Figure 4. Soil borings were completed within the asphalt-paved areas of the Site because buildings (car wash and office building) were inaccessible for a drilling rig.

Soil borings were installed using direct push technology and samples were collected at the interval exhibiting field evidence of contamination, or if no field evidence of contamination was identified then the sample was collected at the two-foot interval above the water table. Soil boring logs are included in Appendix B.

One primary sample from each soil boring and monitoring well location were collected.

Each sample was analyzed for:

- Target Compound List (TCL) VOCs via Environmental Protection Agency (EPA) Method 8260 + Tentatively Identified Compounds (TICs)
- TCL Semivolatile Organic Compounds (SVOCs) via EPA Method 8270 + TICs
- 1,4-Dioxane via EPA Method 8270-SIM
- Target Analyte List (TAL) Metals via EPA Method 6010/7471
- Per- and Polyfluoroalkyl Substances (PFAS) via EPA Method 1633

Field evidence of contamination was encountered in boring location SOIL-110 at depths ranging from 9.5 feet to 20 feet bgs. The maximum photoionization detector (PID) reading was 107.1 parts per million (ppm) at a depth of 10 feet bgs. In accordance with the Addendum to the RIWP, a second soil sample was collected at this location at 20 feet bgs where there was no longer field evidence of contamination. The secondary sample, was collected, and analyzed for:

- TCL VOCs via EPA Method 8260 + TICs
- TCL SVOCs via EPA Method 8270 + TICs
- Target Analyte List (TAL) Metals via EPA Method 6010/7471

Excess soil generated from the investigation activities was containerized in 55-gallon drums for off-site disposal during remedial activities.

Quality assurance samples were collected in accordance with the frequency described in DER-10, as presented in Section 3 of the RIWP. The samples were submitted under proper chain-of-custody to a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory.

5.3 Groundwater

To evaluate potential contamination in the on-Site groundwater, two permanent, flush-mount groundwater monitoring wells were installed in the locations identified on Figure 5 per the RIWP.

5.3.1 Groundwater Monitoring Well Installation

The monitoring wells were constructed with two-inch diameter polyvinyl chloride (PVC) riser pipe and well screen with a slot opening size of 0.010-inches. Groundwater was typically encountered at a depth of approximately 15 to16-feet bgs, therefore, the monitoring well screens were set from 11.5 ft bgs to 22.5 ft bgs. A sand pack was placed within the annulus

between the borehole and the well screen and a two-foot bentonite seal was then placed above the screen. The remaining borehole between the bentonite seal and the ground surface was backfilled with bentonite-cement grout mixture. Flush-mount steel protective casings were installed at each well location to protect the PVC riser. Well construction logs are provided in Appendix C.

Once the wells were installed, they were developed using a combination of pumping and surging techniques. Water was containerized in 55-gallon New York State Department of Transportation (NYSDOT)-approved drums and stored on-Site.

5.3.2 Groundwater Sample Collection

Upon completion of development, monitoring wells MW-105 and MW-106 recharged for 3 days prior to sampling. On May 18, 2026, a Solinst water level meter was utilized to evaluate the depth to groundwater prior to purging and sampling. The depth to groundwater is provided in Table 3 for each location.

Purging was conducted by utilizing a Monsoon XL submersible low flow pump connected to dedicated high-density polyethylene tubing for each monitoring well. Field water quality parameters were monitored using a Horiba water quality meter and flow-through cell and recorded on field sheets. The field water quality results are presented in Table 4. Monitoring well sampling logs are included in Appendix D. Following stabilization, a groundwater sample was collected and submitted to Pace Analytical for the following parameters:

- TCL VOCs via EPA Method 8260 +tentatively identified compounds (TICs)
- TCL SVOCs via EPA Method 8270 + TICs
- 1,4-Dioxane via EPA Method 8270-SIM
- TAL Metals via EPA Method 6010/7471
- Total Polychlorinated Biphenyls (PCBs) via EPA Method 8082
- PFAS via EPA Method 1633

5.4 Soil Vapor

To evaluate the potential for off-site soil vapor intrusion, two semi-permanent soil vapor probes were installed. One probe was installed along the southeastern site boundary and the other was along the southern site boundary (Figure 6). The soil vapor points were installed by drilling and installing semi-permanent sampling screens set to a depth 12.5 feet bgs, backfilled with inert material, fitted with inert tubing, and sealed with bentonite slurry in accordance with the New York State Department of Health (NYSDOH) *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (October 2006), specifically section 2.7. A tracer gas (e.g. Helium) was used at each soil vapor sampling location to confirm outdoor air infiltration was not occurring. Both soil vapor points passed their helium tracer gas test. The summa canister sampling logs, including results of the helium detection test performed on each soil vapor sampling point prior to sample collection, are included in Appendix E**.**

At least 24 hours after the installation of the probes, one to three implant (screen and tubing) volumes were purged. Soil vapor samples will be collected in 2.7-liter SUMMA canisters that were individually certified clean by the laboratory and were run for a 2-hour duration at a flow rate less than 0.2 liters per minute. Samples were analyzed for volatile organic compounds via EPA Method TO-15.

5.5 Decontamination

All small and large non-disposable equipment was decontaminated prior to mobilizing to the Site and demobilizing from the Site. Additionally, before initiating drilling at each boring location, samplers, drill steel, augers and associated non-expendable equipment was decontaminated to prevent cross-contamination. Cleaning was conducted at a designated location on the Site utilizing an Alconox®-distilled water rinsate, and wash waters were containerized in NYSDOT approved drums for waste characterization and off-Site disposal during the remedial phase.

5.6 Waste Characterization

Surplus soil, purged groundwater, and decontamination water were containerized in NYSDOT-approved 55-gallon drums for characterization and off-Site disposal. Waste characterization samples were collected from the containerized waste cuttings. The groundwater analytical data from the monitoring well samples will be used for removing the groundwater drums from the Site. Composite and grab (VOCs only) waste characterization samples for soil were collected with disposable equipment (e.g., clean nitrile gloves) and were submitted to Pace for analysis.

Soil waste characterization samples were analyzed for:

- Toxicity characteristic leaching procedure (TCLP) VOCs via EPA Method 8260C;
- TCLP SVOCs via EPA Method 8270D;
- TCLP Metals via EPA Method 6010C;
- TCLP Pesticides via EPA Method 8081B;
- TCLP Herbicides via EPA Method 8151;
- PCBs via EPA Method 8082A;
- Cyanide and Sulfide reactivity via EPA Methods 9012 and 9034;
- Ignitability via EPA Method 1010A; and
- pH via EPA Method 9045D.

5.7 Survey

The location and elevations of the top of the flush-mount casing and the top of the well riser at each groundwater monitoring well location was surveyed by Ianuzi & Romans Land Surveying. Each soil boring location was surveyed using a hand-held global positioning system (GPS) device which is accurate to approximately 10 feet.

5.8 Deviations from the RIWP Addendum

There were no deviations from the RIWP Addendum during this RI.

6.0 REMEDIAL INVESTIGATION RESULTS

6.1 Site Stratigraphy

Field observations indicate the typical stratigraphy at the Site consists of urban fill underlain by approximately 4-feet to 8-feet of silty clay, followed by at least 8-feet of sands. Located on the northern portion of the site near MW-108 there is an approximate 3-foot layer of clay with gravel present roughly 14-ft bgs. The silty clay across the Site may act as a confining layer which

impedes the vertical transport of contamination. A Stratigraphic Cross Section map of the Site is provided in Figure 7.

6.2 Groundwater Flow Direction

Groundwater was measured at depths ranging from 15.11' to 16.75 ft bgs using a Solinst water level meter on June 2, 2026. Groundwater level measurements from each monitoring well are provided on Table 3. Note that groundwater elevation across the Site is relatively the same, therefore a round of groundwater level readings was collected from all wells included as part of the BCA for the purposes of more fully understanding the groundwater flow direction.

Given that groundwater elevation across the Site is relatively similar, varying less than 0.1-inches, a contour map was not prepared. Groundwater flow can be inferred to flow to the southeast based on the slight change in elevation across the Site and the additional information described in previous sections for surrounding properties.

6.3 Subsurface Soil

The subsurface soil sample results are summarized in Table 5 and soil boring locations are shown on Figure 4. Complete laboratory analytical reports are provided in Appendix F.

6.3.1 Analytical Results

The soil samples collected as part of the RI Addendum were compared to Part 375 Restricted Residential Use SCOs and Part 375 Protection of Groundwater SCOs. There were no detections above the Restricted Residential Use SCOs at any of the locations sampled. Analytical results identified several detections of VOCs across the Site, however only total xylenes, at SOIL-110-8-10, was detected in exceedance of the respective Part 375 Protection of Groundwater SCOs. Total xylenes were detected at 6.1 milligrams per kilogram (mg/kg), at this location near the south side of the former car wash building and underground vault near the center of the Site.

6.4 Groundwater

The analytical results for the groundwater samples collected were compared to TOGS 1.1.1 Class GA Ambient Water Quality Standards. The groundwater analytical results are presented in Table 6. The monitoring well locations are depicted on Figure 5 along with the inferred ground water flow direction. The laboratory analytical reports are available in Appendix G. The results from the groundwater monitoring are summarized below.

MW-105

This permanent groundwater monitoring well was installed in the northern portion of the Site and is considered the upgradient monitoring well.

- The VOC trichloroethene was detected above its respective water quality standard at 9 µg/L.
- 1,4-dioxane was not detected above its respective water quality standard.
- The PFAS compound Perfluorooctanesulfonic Acid (PFOS) was detected above its respective water quality standard at 0.0028 µg/L.
- No PCBs were detected above their respective water quality standards.

- The SVOC benzo(a)pyrene was detected above its respective water quality standards at 0.03 µg/L. This compound was J qualified, which means that the sample was detected at a low, estimated concentration.
- Metals detected above their respective water quality standard are:
    - Magnesium at 40,000 µg/L, and
    - Sodium at 692,000 µg/L.

MW-106

This permanent groundwater monitoring well was installed in the southeast corner of the Site and is presumed to be the downgradient monitoring well.

- VOCs detected above their respective water quality standard include:
    - 1,1-Dicholoroethene at 6 µg/L, and
    - 1,2-Dicholoroethane at 0.74 µg/L.
- No SVOCs, 1,4-dioxane, or PCBs were detected above their respective water quality standards.
- The metal sodium was detected above its respective water quality standard at 423,000 µg/L.

6.5 Soil Vapor

Samples collected from soil vapor sampling points located on the southern and southeastern boundaries of the Site are summarized in Table 7 and presented on Figure 6.

Results from the soil vapor evaluation were compared to the EPA Vapor Intrusion Screening Levels (VISL) Default Commercial Target Sub-Slab and Exterior Soil Gas Concentrations. Multiple VOCs were detected but only trichloroethene exceeded its VISL values in both soil vapor samples, SV-101 and SV-102.

Complete laboratory analytical reports are provided in Appendix H.

7.0 DATA USABILITY

7.1 Quality Assurance /Quality Control Samples

Quality assurance/quality control (QA/QC) samples were collected and analyzed to determine the reliability of the data generated as described in the Quality Assurance Project Plan (QAPP) provided in the RIWP Addendum and to support the required third-party data usability evaluation. Site specific QA/QC samples included duplicates, equipment blanks, field blanks, and matrix spike/ matrix spike duplicate (MS/MSD) samples. These samples were collected at a frequency of 1 per 20 samples for each environmental media.

7.1.1 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, in accordance with the RIWP Addendum. The duplicate comparison between the soil and groundwater samples are included in Table 8.

CHA-1 is the blind duplicate sample to soil sample SOIL-109-8-10. Many of the detected compounds are greater than 20% different between the samples. This is likely due to the heterogenous nature of the soil.

CHA-2 is the blind duplicate sample for groundwater sample MW-106. The majority of relative percent differences (RPDs) between MW-106 and CHA-2 were below 20% with the exceptions of acetone at 24%, naphthalene at 55%, and chromium at 21%.

7.1.2 Equipment Blank Samples

An equipment blank is designed to measure the effectiveness of the decontamination of field equipment. One equipment blank sample was collected from distilled water poured over the decontaminated sampling equipment, in accordance with the RIWP addendum.
Iron was detected at 855 µg/L, which is above its respective water quality standard. Results from the equipment blank sample typically indicate that field equipment was properly decontaminated.

7.1.3 Field Blank Samples

A field blank is designed to assess contamination from field conditions at the Site during sampling activities. A field blank sample was collected by pouring analyte free water into the laboratory provided samples bottles at the time of the sampling activities. The field blank was analyzed for the same parameters as the groundwater monitoring wells and results were compared to TOGS 1.1.1 Class GA Ambient Water Quality Standards. benzo(a)pyrene was detected at 0.03 µg/L, benzo(b)fluoranthene was detected at 0.05 µg/L and chrysene was detected at 0.04 µg/L, which is above their respective water quality standards. However, these parameters were flagged with J-qualifiers which typically mean indicate estimated values between the laboratory reporting limit and detection limit.

7.1.4 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, in accordance with the RIWP addendum. 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.

7.2 Data Review

In accordance with the RIWP, the laboratory analytical data was independently evaluated and submitted for independent review. Mr. Don Anne of Alpha Geosciences located in Clifton Park, New York, prepared the data usability summary report (DUSR) for the soil and water samples collected during the June and December 2025 test pit investigations, he also prepared a DUSR for the May 2026 Remedial Investigation Addendum which include soil, groundwater and soil vapor data. sampling event and in general indicates that the data is mostly acceptable with

some issues that are identified in the accompanying data validation review. The following data were qualified as the following:

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- The positive volatile results for target compounds were “J-” qualified, which means “estimated, biased low” for soil samples because concentrations were below 200 ug/kg and the samples were not collected per 5035A-L specifications.
- The positive semi-volatile results for benzaldehyde were “J” qualified, which means “estimated” for samples TP-4, TP-5 and TP-6 because the percent difference for benzaldehyde was above the allowable maximum in the associated continuing calibration verification sample.
- The positive metal results for beryllium, nickel and zinc were qualified as estimated biased low “J-“ for all eight soil samples because the percent recoveries for beryllium, nickel and zinc were below quality control limits, but not below 30% in the associated liner range check sample.
- The positive metal results for silver were qualified as “J-” estimated for samples TP-3, TP-4, TP-5 and TP-6 because the percent recoveries for silver were below quality control limits and below 30% in the associated liner range check samples.
- The “not detected” metal results for silver were qualified as “R” which means rejected, unusable for samples TP-1, TP-2, TP-7 and TP-8 because percent recoveries for silver were below quality control limits and below 30% in the associated liner range check sample.

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- The “not detected” volatile result for 1,4-dioxane was “R” qualified, which means rejected, unusable for sample 705-PIT-WATER because the RFR for 1,4-dioxane was below the allowable minimum in the associated continuing calibration verification sample.
- The “not detected” semi-volatile result for benzoic acid was “R” qualified, which means rejected, unusable for sample 705-PIT-WATER because recoveries for benzoic acid were below quality control limits and below 30% in the associated aqueous laboratory control sample/ laboratory control sample duplicate (LCS/LCSD).
- The positive metal results for barium were “J-” qualified for all eight soil samples because the percent recovery for barium was below control limits but not below ten percent in the associated soil batch spike sample.
- The positive metal results for lead were “J” qualified for all 8 soil samples because the percent recovery for lead was below control limits and below ten percent in the associated soil batch spike sample.
- The positive metal result for mercury were “J ” qualified for all eight soil samples because the relative percent difference for mercury was above the allowable maximum in the associated soil batch duplicate.

- The “not detected” volatile results for bromoform was “UJ” qualified, which means estimated for the following samples because one of two percent recoveries for bromoform was below the quality control limits, but not below the ten percent in the associated LCS/LCSD: SOIL-105-16-18, SOIL-106-12-14, SOIL-107-14-16, SOIL-109-8-10, SOIL-110-19-20 and CHA-1.
- The positive volatile result for trichloroethene was “J-” qualified, which means estimated, biased low for sample SOIL-108-13-15 because two of two percent recoveries for trichloroethene were below the quality control limits but not below ten percent in the soil matrix spike and matrix spike duplicate (MS/MSD).
- The “not detected” volatile results for 46 compounds were “UJ” qualified, which means estimated for sample SOIL-108-13-15 because one or two percent recoveries for these 46 compounds were below quality control limits but not below ten percent in the soil MS/MSD sample.
- The “not detected” volatile result for 1,4-dioxane was “R” qualified, which means rejected, unusable for sample SOIL-108-13-15 because one of two percent recoveries for 1,4-dioxane was below the quality control limits and below ten percent in the soil MS/MSD sample.
- The positive metal results for lead and zinc were “J+” qualified, which means estimated biased high for all soil samples and the field duplicate because one of two percent recoveries for lead and zinc were above control limits in the associated soil MS/MSD sample.
- The “not detected” metal results for antimony were “UJ” qualified for all seven soul samples and field duplicate because two of two percent recoveries for antimony were below control limits but not below ten percent in the associated soil MS/MSD sample.
- The positive volatile results for acetone were “U” qualified, which means not detected for samples MW-105, MW-106 and CHA-2 because the levels reported in the samples were not significantly greater than the highest associated blank level.
- The “not detected” volatile results for cyclohexane and methyl cyclohexane were “R” qualified, which means rejected, unusable for sample MW-105 because two of two percent recoveries for cyclohexane and methyl cyclohexane were below the quality control limits and below 30 percent in the aqueous MS/MSD sample.
- The positive semi-volatile result for pyridine was “U” qualified, which means not detected for TCLP sample SOIL-WC because the level reported in the sample was not significantly greater than the highest associated blank level.
- The positive semi-volatile result for benzaldehyde was “J” for the equipment blank because the percent difference for benzaldehyde was above the allowable maximum in the associated continuing calibration verification sample.
- The positive SIM semi-volatile results for naphthalene were “U” qualified for samples MW-105, MW-106, CHA-2 and equipment blank because the levels reported in the samples were not significantly greater than the highest associated blank level.
- The positive SIM semi-volatile results for benzo(a)anthracene were “U” qualified for samples MW-105, field blank and equipment blank because the levels reported in the samples were not significantly greater than the highest associated blank level.

- The positive SIM semi-volatile result for 2-methylnaphthalene was “U” qualified for samples MW-106 because the levels reported in the samples were not significantly greater than the highest associated blank level.
- The positive metal result for selenium was “J+” qualified, which means estimated biased high for sample MW-105 because the percent recovery for selenium was above control limits but not above 150% in the associated initial calibration verification sample.
- The positive metal result for zinc was “J+” qualified for equipment blank because the percent recovery for zinc was above control limits, but not above 150% in the associated initial calibration verification sample.
- The positive metal results for aluminum, chromium, copper, iron and nickel were “U” qualified for samples MW-105, MW-106 and CHA-2 because the levels reported in the samples were not significantly greater than the highest associated blank level.

All data that is not “R” qualified is considered usable, with estimated “J+, J-, UJ or U” qualified data associated with a higher level of quantitative uncertainty.

The above-mentioned flagged results were implemented in the analytical results, where applicable. The complete DUSR packages are included in Appendix I.

7.3 Investigation Derived Waste

Investigation Derived Waste (IDW) generated during the investigation included soil cuttings, well development and purge water, decontamination water, and other project-related waste. Each of these materials were placed into 55-gallon NYSDOT-approved drums and stored on-Site within the fenced area of the Site. Waste characterization samples were collected and analyzed by Pace. Analytical results are provided in Table 9 for soil waste characterization. Soil results were compared to 6NYCRR Part 371 Identification and Listing of Hazardous Wastes. Soil derived from the investigation activities on Site was determined to be non-hazardous. Groundwater analytical data from the monitoring well samples will be used for offsite removal of the groundwater drums. The analytical results will be provided to the waste hauler when the drums are removed from the Site as part of the ongoing remedial activities. Manifests documenting disposal will be provided to NYSDEC upon execution. Small items including gloves, sampling materials, and other minor project-related wastes were collected and disposed of as non-hazardous solid waste.

8.0 NATURE AND EXTENT OF CONTAMINATION

8.1 Areas of Concern

NYSDEC guidance document DER-10 defines an area of concern (AOC) as, “any existing or former location at a site where contaminants are known or suspected to have been discharged which is considered a source area. These locations include locations where contaminants were generated, manufactured, refined, transported, stored, handled, treated, disposed or where they have or may have migrated”. Based upon this definition and the review and evaluation of the results from the investigation, two primary AOCs have been identified; (1) the underground vault and the remainder of the Site shallow subsurface soil, and (2) soil vapor.

8.1.1 Site-Wide Soil

The impact of VOC concentrations in subsurface soils is primarily located near the car wash

building's underground vault. VOCs were detected in subsurface soil at concentrations exceeding Part 375 Protection of Groundwater SCOs. The contamination appears to be centralized around SOIL-110 as indicated on Figure 4. The soil sample collected from the 8 to 10 ft interval at location SOIL-110 confirms the presence of BTEX contamination at this location, and the sample collected from the 19 to 20 foot interval confirms the endpoint.

Utilizing this information in conjunction with the stratigraphy of the Site (Figure 7), it can be inferred that contamination is mostly located within the silty clay layer which sits above the sand and gravel.

The presence of a confining layer, within the Site stratigraphy (Figure 7), consisting of silts and clays, approximately 8-feet bgs, has prevented the downward migration of contamination to the deeper silty clay unit. This is confirmed by the samples collected at sample location SOIL-110. Analytical results indicate that the sample collected at SOIL-110-8-10 had detections of xylene. This sample was collected at the top of the confining layer at 8 ft to 10 ft bgs. Sample SOIL-110-19-20 was collected 19 ft to 20 ft bgs at the end of the boring, below the confining layer, where the least evidence of contamination was exhibited. The silty clay layer was relatively uniform across the Site and has most likely prevented contamination from breaching deeper into the confining layer.

In addition to the deeper subsurface soil contamination listed above, there are detections of metals within the shallow subsurface soils up to approximately 4-feet bgs as demonstrated through the series of test pit investigations.

8.1.2 Site Wide Groundwater

The groundwater samples collected as part of this RI Addendum identified the presence of chlorinated VOC contamination in both of the groundwater monitoring well locations. Specifically, elevated levels of trichloroethene were observed at MW-105 and elevated levels of 1,1-dichloroethane and 1,2-dicholoroethane in MW-106 above their respective TOGS 1.1.1 Class GA Ambient Water Quality Standards.

An adjacent upgradient property to the north of the Site is listed in the Environmental Restoration Program (ERP) under the name Midtown Plaza. According to the Record of Decision (ROD) for the Midtown Plaza site 1,2-dichloroethane and trichloroethene were both detected exceeding their respective standards in the surface water that was located within the interior of the building, which refers to the basement of the building. This ROD also states that groundwater flows to the southeast towards the Site. Therefore, since there is no source area identified on the Site for these compounds, it can be inferred that contamination within the groundwater is not resulting from the Site, but rather resulting from an adjacent property to the north. Groundwater does not appear to be impacted by Site contaminants of concern.

8.1.3 Soil Vapor

As described in Section 6.5 above, contamination was observed within soil vapor samples collected on the south and southeastern perimeter of the Site. Site redevelopment plans indicate that all structures will be demolished, therefore no additional investigation was completed. Soil vapor mitigation will be addressed as part of the Alternatives Analysis Report and remedial design.

8.2 Potential Impacts to Environmental Resources

The Site is located within a commercial area in the City of Syracuse, and therefore, actual or potential adverse impacts to environmental resources likely exist. Onondaga Creek, a tributary to Onondaga Lake, is located approximately 0.77 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 limits recreational use of Onondaga Creek in the City of Syracuse. The potential for contaminated groundwater to impact Onondaga Creek is unlikely. 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.

9.0 QUALITATIVE EXPOSURE ASSESSMENT

According to the soil, groundwater, and vapor intrusion 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	There are no surface soils present at the Site.
Direct contact with sub-surface soils	People may come into contact with VOC and SVOC contamination if they complete ground-intrusive activities at the Site. Sensitive populations may be workers at the Site during investigation and remediation activities and workers during future construction or redevelopment activities.
Ingestion of Groundwater	Groundwater wells are not used for drinking water and on-Site buildings utilize public water service. There is no potential for consumption of impacted groundwater. There are no known domestic water supply wells in the area.
Direct contact with groundwater	People may come into contact with VOC contaminated groundwater if they conduct subsurface intrusive work that extends to the saturated zone. Sensitive populations may be workers at the Site during investigation and remediation activities and workers during future construction activities.
Inhalation of air	The Site is generally unoccupied with the exception of occasional Site visits by the Owner and their employees. Occupants of the building structure area at the Site have limited potential to be exposed to VOC contamination from the sub-slab soil vapor and indoor air. Sensitive populations may be future residential residents that occupy the building.

	Sampling indicated that monitoring of the sub-slab soil vapor and indoor air is necessary in order to comply with the NYSDOH.

Immediately adjacent properties are commercial in nature and are not generally considered sensitive receptors. A sensitive receptor can typically be defined as, "vulnerable populations like children, the elderly, and individuals with pre-existing health conditions and others who may be at heightened risk for negative health outcomes from exposure to air pollution. Potential sensitive receptors have been identified on Figure 8 and include the SUNY Upstate Medical University CNY Biotech Accelerator to the east, McMahon Ryan Child Advocacy Center to the southwest, and single-family residences to the north. Community air monitoring will be performed during all intrusive site activities.

10.0 CONCLUSIONS/RECOMMENDATIONS

10.1 Conclusions

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

- The exposure to Site media is limited due to the Site being primarily covered with buildings and paved asphalt parking areas, and the presence of municipal water and sewer at and in the vicinity of the Site.
- Soil vapor is impacted by VOCs exceeding the EPA's Vapor Intrusion Screening Limits in the south and southeast perimeter of the Site.
- Shallow subsurface soils are impacted by metals exceeding the Restricted Residential Use SCOs across the Site.
- Subsurface soils are impacted by VOCs exceeding the Protection of Groundwater SCOs in the approximate area of the car wash building and underground vault near the center portion of the Site.
- Chlorinated VOCs were detected at concentrations exceeding the TOGS 1.1.1 Class GA Ambient Water Quality Standards in the Site's groundwater in both of the groundwater monitoring wells installed during this RI Addendum. It is believed that this is due to migration from off-site sources upgradient from the Site and that there is no source on the Site.
- AOCs to be addressed based on the data in the RI Addendum include:
    - Soil – Specifically, the subsurface vault and soil in the near proximity, and shallow subsurface soils across the Site.
    - Soil vapor – to be managed as part of the Site redevelopment via mitigation.

10.2 Recommendations

Based on the results of this investigation, CHA recommends an evaluation of remedial alternatives to determine the best course of action to remediate the soil and soil vapor

contamination for the AOCs identified in Section 8.1. Site redevelopment activities will require the excavation of large amounts of soil to facilitate construction of an underground parking garage. This redevelopment will likely provide an opportunity to address and remove the source of the identified contamination. Additionally, soil vapor intrusion will be assessed and mitigated, as needed, in the new building. A Remedial Alternatives Analysis Report will be prepared, in accordance with DER-10 to evaluate the best course of action to address impacts to soil and groundwater at the Site.

REFERENCES

CHA Consulting Inc. (October 2025). Limited Phase II Subsurface Investigation Report for East Fayette Street Additional Parcels, Syracuse, NY.

CHA Consulting Inc. (December 2025). Limited Phase II Subsurface Investigation Report (Shallow Test Pits) for East Fayette Street Additional Parcels, Syracuse, NY.

CHA Consulting Inc. (2025). Remedial Investigation Report for 701 East Fayette Street, Syracuse, NY.

Department of Environmental Conservation. Division of Environmental Remediation. (March 1998). Record of Decision. Midtown Plaza Site. Syracuse, Onondaga County.

New York State Department of Environmental Conservation. (2010). DER-10: Technical Guidance for Site Investigation and Remediation (Remedial Program Policy). https://extapps.dec.ny.gov/docs/remediation_hudson_pdf/der10.pdf

TABLES

Table 1.
Syracuse Gateway Apartments

Summary of Historical Test Pit Soil Analytical Data (Detected Compounds Only)

			LOCATION	TP-1		TP-2		TP-3		TP-4		TP-5		TP-6		TP-7		TP-8
			LABORATORY SAMPLE ID	480-230533-1		480-230533-2		480-230533-3		480-230533-4		480-230533-5		480-230533-6		480-230533-7		480-230533-8
			SAMPLING DATE	6/20/2025		6/20/2025		6/20/2025		6/20/2025		6/20/2025		6/20/2025		6/20/2025		6/20/2025
			SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL
			SAMPLE DEPTH (ft.)	4'		12'-14'		3'-5'		4'		4'-10'		.5'-4'		3.5'		1'-5.5'
	Restricted Residential	Protection of Groundwater	Units	Results		Results		Results		Results		Results		Results		Results		Results
General Chemistry																		
Solids, Total			%	78.9		93.6		79.6		75.3		73		67		76.9		76.7
Volatile Organics by EPA 5035																		
2-Butanone (MEK)	100	0.1	mg/kg							0.012	J-	0.0084	J-	0.014	J-			
Acetone	100	0.03	mg/kg					0.0056	J-	**0.072**	J-	**0.038**	J-	**0.041**	J-			
Tetrachloroethene	18	1.3	mg/kg	0.0017	J-													
Trichloroethene	6.4	0.47	mg/kg			0.0063	J-											
Semivolatile Organics by GC/MS																		
2-Meththylnaphthalene			mg/kg					0.051	J			0.067	J					0.046 J
4-Methylphenol			mg/kg							0.1	J			0.066	J,vs			
Acenaphthene	100	98	mg/kg									0.098	J					0.043 J
Acenaphthylene	100	365	mg/kg					0.06	J									
Acetophenone			mg/kg							0.042	J							
Anthracene	100	1000	mg/kg					0.085	J			0.13	J					0.11 J
Benzaldehyde			mg/kg							0.25	J	0.18	J	0.27	J			
Benzo(a)anthracene	1.4	1	mg/kg	0.069	J			0.36		0.085	J	0.13	J	0.062	J	0.25	J	0.17 J
Benzo(a)pyrene	1	22	mg/kg	0.072	J			0.37		0.089	J	0.12	J	0.059	J	0.25	J	0.14 J
Benzo(b)flouranthene	1.4	2.1	mg/kg	0.096	J			0.48		0.16	J	0.17	J	0.097	J	0.32	J	0.17 J
Benzo(g,h,i)perylene	4.9	1000	mg/kg	0.057	J			0.27		0.11	J	0.11	J	0.052	J	0.22	J	0.078 J
Benzo(k)flouranthene	1.9	2	mg/kg	0.053	J			0.28		0.093	J	0.1	J					0.075 J
Bis(2-ethlyhexyl) phthalate			mg/kg									0.063	J			0.25	J	
Carbazole			mg/kg					0.051	J									0.063 J
Chrysene	4.9	1	mg/kg	0.086	J			0.39		0.14	J	0.15	J	0.067	J			0.17 J
Dibenzofuran	18	110	mg/kg					0.047	J			0.11	J					0.047 J
Di-n-butyl phthalate			mg/kg											0.058	J			
Flouranthene	100	1000	mg/kg	0.14	J			0.64		0.19	J	0.42		0.11	J	0.5	J	0.42
Flourene	100	386	mg/kg									0.11	J					0.048 J
Indeno(1,2,3-cd)pyrene	1.4	6.6	mg/kg	0.049	J			0.22		0.088	J	0.083	J	0.04	J			0.066 J
Naphthalene	100	12	mg/kg					0.21		0.074	J	0.11						0.07 J
Phenanthrene	4.9	1000	mg/kg	0.087	J			0.31		0.15	J	0.56				0.21	J	0.4
Pyrene	100	1000	mg/kg	0.13	J			0.52		0.13	J	0.33		0.085	J	0.42	J	0.32

Table 1.
Syracuse Gateway Apartments

Summary of Historical Test Pit Soil Analytical Data (Detected Compounds Only)

			LOCATION	TP-1		TP-2		TP-3		TP-4		TP-5		TP-6		TP-7		TP-8	
			LABORATORY SAMPLE ID	480-230533-1		480-230533-2		480-230533-3		480-230533-4		480-230533-5		480-230533-6		480-230533-7		480-230533-8	
			SAMPLING DATE	6/20/2025		6/20/2025		6/20/2025		6/20/2025		6/20/2025		6/20/2025		6/20/2025		6/20/2025	
			SAMPLE TYPE	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
			SAMPLE DEPTH (ft.)	4'		12'-14'		3'-5'		4'		4'-10'		.5'-4'		3.5'		1'-5.5'	
	Restricted Residential	Protection of Groundwater	Units	Results		Results		Results		Results		Results		Results		Results		Results	
Total Metals																			
Aluminum			mg/kg	22400		8430		15400		13200		14000		19300		15300		16000	
Antimony			mg/kg	1.2	J	-		1.4	J	1	J	0.8	J			1.3	J	1.4	J
Arsenic	16	16	mg/kg	5.5		2.6		5.4		13.8		6.7		2.5	J	4.7		2.9	
Barium	410	820	mg/kg	100	J	64.3		121	U	237		186		150		127		95.1	
Berylium	43	47	mg/kg	1.1	*J-*	0.44	*J-*	0.72	*J-*	0.69	*J-*	0.64	*J-*	0.74	*J-*	0.73	*J-*	0.67	*J-*
Cadmium	2.5	7.5	mg/kg	0.35		0.11	J	0.28		0.44		0.86		0.47		0.55		0.25	J
Calcium			mg/kg	8510		118000		20100		15000		39300		21800		37500		24700	
Chromium			mg/kg	30.2		12.3		21.7		26.1		21.9		21.8		23.1		21.3	
Cobalt			mg/kg	13.3		5.7		9.1		8.9		8.2		7		10.3		8.5	
Copper	280	1720	mg/kg	22.2		19.4		32.6		45.4		48		36.1		42.4		21.4	
Iron			mg/kg	28300		12100		20100		17600		17400		13400		19800		18100	
Lead	400	450	mg/kg	54.6		7.1		197		**480**		439		396		244		89.5	
Magnesium			mg/kg	6610		34100		9850		6110		20700		4780		12400		10700	
Manganese	2000	2000	mg/kg	191		280	U	279	U	214		274		233		252		224	
Mercury	0.3	0.73	mg/kg	0.17		0.055		**1.1**		**3.3**		**1.9**		**0.91**		0.18		0.069	
Nickel	320	130	mg/kg	28.2	*J-*	12.8	*J-*	21.1	*J-*	22.8	*J-*	18.4	*J-*	24.7	*J-*	22.9	*J-*	21.6	*J-*
Potassium			mg/kg	4950		3050		3440		2670		3230		3250		3840		3480	
Selenium	110	4	mg/kg							1.7	J	1.8	J					1.1	J
Silver	110	8.3	mg/kg					0.68	*J-*	17	*J-*	0.45	*J-*	0.39	*J-*				
Sodium			mg/kg	1390		298		1270		2060		713		151	J	370		321	
Vanadium			mg/kg	40.7		14.7		28.7		25		26.7		24.5		29.3		27.4	
Zinc	6600	2480	mg/kg	108	*J-*	23	*J-*	116	*J-*	233	*J-*	385	*J-*	92.3	*J-*	329	*J-*	81.1	*J-*

Soil samples were collected CHA Consulting Inc. on June 20th 2025, and analyzed by Eurofins Environment Testing
Blank Cells = Not Detected
(J) Result is a a low, estimated concentration
(U) Not detected at the reported detection limit for the sample
(vs) Concentrations below 0.2 mg/kg may be biased low
Data qualifiers that were changed in the Data Usability Report are italicized.
New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
Protection of Groundwater: New York TAGM Soil Cleanup (protect GW) current as of 12/2025.
Bold exceeds the Protection of Groundwater SCOs.
Highlights exceed the Restricted Residential Use SCOs

Table 1.
Syracuse Gateway Apartments

Summary of Historical Shallow Test Pit Soil Analytical Data (Detected Compounds Only)

LOCATION				TP-9		TP-10		TP-11		TP-12		TP-13		TP-14		TP-15		TP-16	
SAMPLING DATE				12/9/2025		12/9/2025		12/9/2025		12/9/2025		12/9/2025		12/9/2025		12/9/2025		12/9/2025	
LAB SAMPLE ID				L2578222-01		L2578222-02		L2578222-03		L2578222-04		L2578222-05		L2578222-06		L2578222-07		L2578222-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				0.5'		0.8'		0.6'		1.0'		0.9'		2.0'		1.5'		1.0'	
	Restricted Residential	Protection of Groundwater	Units	Results		Results		Results		Results		Results		Results		Results		Results	
General Chemistry																			
Solids, Total			%	79.7		87.9		81.4		79.6		79.9		88.9		85.7		88.5	
Semivolatile Organics by GC/MS																			
Acenaphthene	100	98	mg/kg	0.17	U	0.15	U	0.06	J	0.035	J	0.12	J	0.15	U	0.021	J	0.15	U
Fluoranthene	100	1000	mg/kg	0.19		0.046	J	1.5		0.99		0.74		0.47		0.64		0.15	
Naphthalene	100	12	mg/kg	0.21	U	0.19	U	0.054	J	0.066	J	0.065	J	0.19	U	0.4	J	0.18	U
Benzo(a)anthracene	1.4	1	mg/kg	0.18		0.039	J	0.8		0.57		0.41		0.31		0.36		0.097	J
Benzo(a)pyrene	1	22	mg/kg	0.3		0.15	U	0.77		0.5		0.31		0.27		0.32		0.093	J
Benzo(b)fluoranthene	1.4	2.1	mg/kg	0.44		0.053	J	1.1		0.68		0.4		0.34		0.4		0.12	
Benzo(k)fluoranthene	4.9	2	mg/kg	0.14		0.11	U	0.28		0.2		0.12		0.12		0.13		0.032	J
Chrysene	4.9	1	mg/kg	0.23		0.042	J	0.83		0.58		0.37		0.3		0.4		0.12	
Acenaphthylene	100	365	mg/kg	0.17	U	0.15	U	0.078	J	0.073	J	0.035	J	0.04	J	0.035	J	0.15	U
Anthracene	100	1000	mg/kg	0.042	J	0.11	U	0.17		0.14		0.9		0.084	J	0.13		0.11	U
Benzo(ghi)perylene	4.9	1000	mg/kg	0.75		0.037	J	0.64		0.28		0.15	J	0.16		0.2		0.068	J
Fluorene	100	386	mg/kg	0.21	U	0.19	U	0.05	J	0.043	J	0.12	J	0.018	J	0.02	J	0.18	U
Phenanthrene	4.9	1000	mg/kg	0.071	J	0.24	J	0.81		0.62		0.89		0.25		0.31		0.086	J
Dibenzo(a,h)anthracene	0.33	1000	mg/kg	0.12		0.11	U	0.14		0.076	J	0.041	J	0.044	J	0.051	J	0.11	U
Indeno(1,2,3-cd)pyrene	1.4	6.6	mg/kg	0.38		0.033	J	0.6		0.29		0.15	J	0.16		0.2		0.063	J
Pyrene	100	1000	mg/kg	0.16		0.046	J	1.2		0.86		0.61		0.41		0.63		0.14	
Dibenzofuran	18	110	mg/kg	0.21	U	0.19	U	0.041	J	0.03	J	0.09	J	0.19	U	0.19	U	0.18	U
2-Methylnaphthalene			mg/kg	0.25	U	0.22	U	0.024	J	0.037	J	0.054	J	0.22	U	0.23	U	0.22	U
Carbazole			mg/kg	0.21	U	0.19	U	0.13	J	0.052	J	0.098	J	0.025	J	0.028	J	0.18	U
Total Metals																			
Arsenic, Total	16	16	mg/kg	7.02		3.19		9.21		10.5		8.31		5.84		3.74		4.64	
Barium, Total	410	820	mg/kg	655	*J-*	62.3	*J-*	184	*J-*	230	*J-*	171	*J-*	165	*J-*	59.5	*J-*	82.3	*J-*
Cadmium, Total	2.5	7.5	mg/kg	0.99	U	0.873	U	0.699	J	0.336	J	0.947	U	0.886	U	0.922	U	0.866	U
Chromium, Total			mg/kg	17		8.8		18.8		23.6		13.2		11.3		6.2		13.6	
Lead, Total	400	450	mg/kg	**478**	*J-*	25.7	*J-*	423	*J-*	**561**	*J-*	325	*J-*	360	*J-*	144	*J-*	81.4	*J-*
Mercury, Total	0.3	0.73	mg/kg	**1.33**	*J*	0.126	*J*	0.314	*J*	**2.57**	*J*	0.268	*J*	0.271	*J*	0.215	*J*	0.176	*J*
Silver, Total	110	8.3	mg/kg	0.495	U	0.436	U	0.481	U	1.54		0.474	U	0.443	U	0.461	U	0.433	U

Soil samples were collected by CHA Consulting Inc. on December 9th 2025, and analyzed by Pace Analytical
J - Result is a low, estimated concentration.
U - Not detected at the reported detection limit for the sample.
Data qualifiers that were changed in the Data Usability Report are italicized.
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.
Protection of Groundwater: New York TAGM Soil Cleanup (protect GW) current as of 12/2025.
Bold exceeds the Protection of Groundwater SCOs.
Highlights exceed the Restricted Residential Use SCOs

Table 2.
Syracuse Gateway Apartments

Summary of Historical Underground Vault Analytical Data (Detected Compounds Only)

LOCATION			705-PIT-WATER
SAMPLING DATE			12/9/2025
LAB SAMPLE ID			L2578222-09
SAMPLE TYPE			WATER
	NY-AWQS	Units	Results
Diesel Range Organics			
DRO (C10-C28)		ug/l	6000000
Gasoline Range Organics			
Gasoline Range Organics		ug/l	1100000
Volatile Organics by GC/MS			
Acetone	50	ug/l	250
Semivolatile Organics by GC/MS			
Bis(2-ethylhexyl)phthalate	5	ug/l	1200
Semivolatile Organics by GC/MS-SIM			
Fluoranthene	50	ug/l	9.6
Benzo(a)anthracene	0.002	ug/l	2.4
Benzo(a)pyrene	0	ug/l	4.1
Benzo(b)fluoranthene	0.002	ug/l	8.8
Benzo(k)fluoranthene	0.002	ug/l	2.5
Chrysene	0.002	ug/l	3.8
Benzo(ghi)perylene		ug/l	4.2
Fluorene	50	ug/l	1.6
Indeno(1,2,3-cd)pyrene	0.002	ug/l	3.6
Pyrene	50	ug/l	16
Total Metals			
Arsenic, Total	25	ug/l	141.3
Barium, Total	1000	ug/l	58330
Cadmium, Total	5	ug/l	80.84
Chromium, Total	50	ug/l	7099
Lead, Total	25	ug/l	4702
Mercury, Total	0.7	ug/l	5.49
Selenium, Total	10	ug/l	405

Pit water sample was collected by CHA Consulting Inc. on Decmber 9th 2025 and analyzed by Pace Analytical.

Highlights exceed the TOGS 1.1.1. AWQS & Guidance Values

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.

Table 3.
Syracuse Gateway Apartments

Groundwater Elevations - June 2, 2026

Well No.	Screen interval (ft. bgs)	TOR Elevation (ft)	Groundwater Level	
			DTGW from TOR (ft)	GW Elevation (ft)
MW-101	15-25	402.08	15.55	386.53
MW-102	15-25	401.66	15.11	386.55
MW-103	15-25	403.3	16.75	386.55
MW-104	15-25	402.36	15.81	386.55
MW-105	12.5-22.5	402.3	15.79	386.51
MW-106	11.5-21.5	401.9	15.41	386.49

MW-101 through MW-104 are located on the property investigated during the initial RIWP and are reported in the RI Report.

Table 4.
Syracuse Gateway Apartments

Field Water Quality Parameters

Well ID	Method of Purging	Depth to Water	Time	ORP/EH (mV)	pH	Conductivity (ms/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (° C)
MW-105	Submerisble Pump	15.82	1340	94	7.41	3.71	1000	5.22	15.78
		15.83	1343	86	7.27	4.09	848	2.48	15.37
		15.83	1346	79	7.17	4.36	463	1.76	14.69
		15.84	1349	73	7.1	4.58	188	1.27	14.20
		15.84	1352	65	7.06	4.65	101	1.23	13.90
		15.84	1355	58	7.03	4.67	62.5	1.17	13.93
		15.84	1358	49	7.06	4.70	39.2	1.06	13.90
		15.84	1401	43	7.05	4.68	28.4	1..10	13.71
		15.84	1404	39	7.05	4.68	23.3	1.05	13.72
		15.84	1407	37	7.04	4.66	16.1	1.09	13.69
		15.84	1410	35	7.04	4.67	13.2	1.06	13.76
		15.84	1413	35	7.04	4.68	11.4	1.06	13.71
MW-106	Submerisble Pump	15.44	1200	127	7.07	3.09	802	2.05	13.87
		15.44	1203	104	6.96	3.31	272	1.03	13.65
		15.44	1206	82	6.91	3.41	138	0.87	13.53
		15.44	1209	63	6.87	3.41	59.9	0.82	13.5
		15.44	1212	51	6.84	3.41	37.4	0.82	13.39
		15.43	1215	42	6.81	3.45	21.9	0.77	13.46
		15.44	1218	34	6.8	3.46	14.4	0.73	13.46
		15.44	1221	28	6.79	3.44	9.1	0.73	13.5
		15.44	1224	24	6.78	3.45	8	0.73	13.44
		15.44	1227	21	6.79	3.44	6.6	0.73	13.67

Table 5.
Syracuse Gateway Apartments

RI Addendum Summary of Subsurface Soil Analytical Results (Detected Compounds Only)

LOCATION				SOIL-105-16-18		SOIL-106-12-14		SOIL-107-14-16		SOIL-108-13-15		SOIL-109-8-10		SOIL-110-8-10		SOIL-110-19-20		CHA-1	
SAMPLING DATE				5/14/2026		5/14/2026		5/14/2026		5/14/2026		5/14/2026		5/14/2026		5/14/2026		5/14/2026	
LAB SAMPLE ID				L2629626-01		L2629626-02		L2629626-03		L2629626-04		L2629626-05		L2629626-06		L2629626-07		L2629626-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				16-18'		12-14'		14-16'		13-15'		8-10'		8-10'		19-20'			
	Restricted Residential	Protection of Groundwater	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																			
Solids, Total			%	94.5		83.6		86.6		88.2		86.4		85		90.8		84.3	
Perfluorinated Alkyl Acids by EPA 1633																			
Perfluorohexanesulfonic Acid (PFHxS)			mg/kg	0.000198	U	0.000201	U	0.000199	U	0.0002	U	0.000079	J	0.000067	J	-	-	0.000201	U
Perfluorooctanoic Acid (PFOA)	0.033	0.0008	mg/kg	0.000107	J	0.000097	J	0.000199	U	0.0002	U	0.000201	U	0.000051	J	-	-	0.000201	U
Perfluorooctanesulfonic Acid (PFOS)	0.044	0.001	mg/kg	0.000184	J	0.000213		0.000199	U	0.0002	U	0.000286		0.000149	J	-	-	0.00029	
Volatile Organics by EPA 5035/8260																			
Chloroform	24	0.37	mg/kg	0.00028	J	0.0014	U	0.0015	U	0.0014	U	0.0014	U	0.0096	J	0.0013	U	0.0017	U
1,2-Dichlorobenzene	100	1.1	mg/kg	0.0021	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	0.077	J	0.0017	U	0.0022	U
1,4-Dichlorobenzene	24	1.8	mg/kg	0.0021	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	0.018	J	0.0017	U	0.0022	U
Ethylbenzene	76	1	mg/kg	0.001	U	0.00094	U	0.001	U	0.00095	U	0.00091	U	0.039	J	0.00086	U	0.0011	U
Isopropylbenzene			mg/kg	0.001	U	0.00094	U	0.001	U	0.00095	U	0.00091	U	0.84		0.00086	U	0.0011	U
Methyl cyclohexane			mg/kg	0.0041	U	0.0037	U	0.004	U	0.0038	U	0.0036	U	0.28		0.0034	U	0.0044	U
o-Xylene			mg/kg	0.001	U	0.00094	U	0.001	U	0.00095	U	0.00091	U	2.6		0.00086	U	0.0011	U
p/m-Xylene			mg/kg	0.0021	U	0.0019	U	0.002	U	0.0019	U	0.0018	U	3.5		0.0017	U	0.0022	U
Total Xylenes	100	1.2	mg/kg	0.0031		0.00284		0.003		0.00285		0.00271		**6.1**		0.00256		0.0033	
Trichloroethene	6.4	0.47	mg/kg	0.0084		0.00047	U	0.001		0.00044	J-	0.00045	U	0.026	U	0.0064		0.00056	U
Total TIC Compounds			mg/kg	0.00241	J	No TICs		0.00225	J	No TICs		0.013		16.1		0.00462		0.00844	
Semivolatile Organics by GC/MS																			
2-Methylnaphthalene			mg/kg	0.21	U	0.24	U	0.23	U	0.23	U	0.23	U	4.3		0.22	U	0.24	U
Acenaphthene	100	98	mg/kg	0.14	U	0.16	U	0.15	U	0.028	J	0.15	U	0.047	J	0.14	U	0.16	U
Anthracene	100	1000	mg/kg	0.1	U	0.045	J	0.11	U	0.062	J	0.11	U	0.12	U	0.11	U	0.12	U
Benzo(a)anthracene	1.4	1	mg/kg	0.1	U	0.064	J	0.11	U	0.16		0.11	U	0.12	U	0.11	U	0.12	U
Benzo(a)pyrene	1	22	mg/kg	0.14	U	0.16	U	0.15	U	0.13	J	0.15	U	0.15	U	0.14	U	0.16	U
Benzo(b)fluoranthene	1.4	2.1	mg/kg	0.1	U	0.052	J	0.11	U	0.16		0.11	U	0.12	U	0.11	U	0.12	U
Benzo(ghi)perylene	4.9	1000	mg/kg	0.14	U	0.16	U	0.15	U	0.082	J	0.15	U	0.15	U	0.14	U	0.16	U
Benzo(k)fluoranthene	4.9	2	mg/kg	0.1	U	0.12	U	0.11	U	0.067	J	0.11	U	0.12	U	0.11	U	0.12	U
Biphenyl			mg/kg	0.4	U	0.45	U	0.43	U	0.43	U	0.44	U	0.058	J	0.41	U	0.45	U
Bis(2-ethylhexyl)phthalate		435	mg/kg	0.18	U	0.2	U	0.19	U	0.19	U	0.19	U	1.8		0.18	U	0.2	U
Butyl benzyl phthalate			mg/kg	0.18	U	0.2	U	0.19	U	0.19	U	0.19	U	0.22		0.18	U	0.2	U
Carbazole			mg/kg	0.18	U	0.2	U	0.19	U	0.024	J	0.19	U	0.19	U	0.18	U	0.2	U
Chrysene	4.9	1	mg/kg	0.1	U	0.048	J	0.11	U	0.14		0.11	U	0.12	U	0.11	U	0.12	U
Dibenzofuran	18	110	mg/kg	0.18	U	0.2	U	0.19	U	0.19	U	0.19	U	0.11	J	0.18	U	0.2	U
Di-n-butylphthalate			mg/kg	0.18	U	0.2	U	0.19	U	0.19	U	0.19	U	0.052	J	0.18	U	0.2	U
Di-n-octylphthalate			mg/kg	0.18	U	0.2	U	0.19	U	0.19	U	0.19	U	0.16	J	0.18	U	0.2	U
Fluoranthene	100	1000	mg/kg	0.1	U	0.15		0.11	U	0.36		0.11	U	0.043	J	0.11	U	0.12	U
Fluorene	100	386	mg/kg	0.18	U	0.2	U	0.19	U	0.026	J	0.19	U	0.07	J	0.18	U	0.2	U
Indeno(1,2,3-cd)pyrene	1.4	6.6	mg/kg	0.14	U	0.16	U	0.15	U	0.071	J	0.15	U	0.15	U	0.14	U	0.16	U
Naphthalene	100	12	mg/kg	0.18	U	0.2	U	0.19	U	0.19	U	0.19	U	0.16	J	0.18	U	0.2	U
Phenanthrene	4.9	1000	mg/kg	0.1	U	0.17		0.11	U	0.28		0.11	U	0.064	J	0.11	U	0.12	U
Pyrene	100	1000	mg/kg	0.1	U	0.12		0.11	U	0.32		0.11	U	0.041	J	0.11	U	0.12	U
Total TIC Compounds				1.64	J	1.53	J	1.56	J	1.92	J	1.58	J	29.7	J	1.8	J	1.98	J

Table 5.
Syracuse Gateway Apartments

RI Addendum Summary of Subsurface Soil Analytical Results (Detected Compounds Only)

LOCATION				SOIL-105-16-18		SOIL-106-12-14		SOIL-107-14-16		SOIL-108-13-15		SOIL-109-8-10		SOIL-110-8-10		SOIL-110-19-20		CHA-1	
SAMPLING DATE				5/14/2026		5/14/2026		5/14/2026		5/14/2026		5/14/2026		5/14/2026		5/14/2026		5/14/2026	
LAB SAMPLE ID				L2629626-01		L2629626-02		L2629626-03		L2629626-04		L2629626-05		L2629626-06		L2629626-07		L2629626-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)				16-18'		12-14'		14-16'		13-15'		8-10'		8-10'		19-20'			
	Restricted Residential	Protection of Groundwater	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																			
Aluminum, Total			mg/kg	5230		9110		2680		4720		6130		6530		5840		5140	
Arsenic, Total	16	16	mg/kg	1.69	U	4.42		1.62		3.21		2.93		1.95		2.66		2.56	
Barium, Total	410	820	mg/kg	58		64.8		16.9		28.8		49.3		29.4		63.5		46.6	
Beryllium, Total	43	47	mg/kg	0.251	J	0.441	J	0.138	J	0.236	J	0.299	J	0.289	J	0.29	J	0.241	J
Calcium, Total			mg/kg	106000		79400		55200		78000		59600		34200		92300		61000	
Chromium, Total			mg/kg	10.4		14		4.39		7.87		10.4		9.61		32.7		8.26	
Cobalt, Total			mg/kg	5.79		8.11		3.96		5		5.85		5.42		6.14		5.03	
Copper, Total	280	1720	mg/kg	19.4		17.6		17.2		15.6		15.4		15.5		20.2		13.3	
Iron, Total			mg/kg	11300		17000		7280		10500		14300		11400		12800		11400	
Lead, Total	400	450	mg/kg	11.4	*J+*	16.5	*J+*	4.67	*J+*	24.2	*J+*	6.59	*J+*	6.34	*J+*	9.2	*J+*	7.23	*J+*
Magnesium, Total			mg/kg	41900		18800		19200		27700		20600		20500		35800		22300	
Manganese, Total	2000	2000	mg/kg	292		367		210		376		472		425		287		354	
Mercury, Total	0.3	0.73	mg/kg	0.084	U	0.075	U	0.078	U	0.065	J	0.075	U	0.093	U	0.078	U	0.081	U
Nickel, Total	320	130	mg/kg	14.9		19.4		8.2		11.7		13.3		12.9		15.1		11.4	
Potassium, Total			mg/kg	728		896		398		642		925		750		848		779	
Selenium, Total	110	4	mg/kg	3.37	U	1.81	U	1.8	U	0.343	J	1.75	U	1.81	U	3.43	U	1.83	U
Sodium, Total			mg/kg	402		593		324		462		182		243		370		158	J
Vanadium, Total			mg/kg	9.82		17.6		5.55		10.6		16		14.3		11.7		11.3	
Zinc, Total	6600	2480	mg/kg	26.9	*J+*	43.9	*J+*	18.5	*J+*	30.7	*J+*	29.6	*J+*	29.4	*J+*	27.5	*J+*	27	*J+*

Soil samples were collected by CHA Consulting Inc. on May 14, 2026 and analyzed by Pace Analytical.
(-) Compounds not analyzed for the listed compound.
(J) Results is a low, estimated concentration.
(U) Not detected at the reported detection limit for the sample.
Data qualifiers that were changed in the Data Usability Report are italicized.
Restricted Residential: New York 2025 NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective 12/2006 amended 12/2025.
Protection of Groundwater: New York TAGM Soil Cleanup (protect GW) current as of 12/2025.
Bold exceeds the Protection of Groundwater SCOs.
Highlights exceed the Restricted Residential SCOs

Table 6.
Syracuse Gateway Apartments

RI Addendum Summary of Groundwater Analytical Results (Detected Compounds Only)

LOCATION			MW-105		MW-106		CHA-2		FIELD BLANK		EQUIPMENT BLANK	
SAMPLING DATE			5/18/2026		5/18/2026		5/18/2026		5/18/2026		5/18/2026	
LAB SAMPLE ID			L2630380-01		L2630380-02		L2630380-03		L2630380-05		L2630380-06	
SAMPLE TYPE			WATER		WATER		WATER		WATER		WATER	
	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics by GC/MS												
1,1-Dichloroethane	5	ug/l	2.5	U	6		6.2		2.5	U	2.5	U
1,1-Dichloroethene	5	ug/l	0.5	U	2.9		3.1		0.5	U	0.5	U
1,2-Dichloroethane	0.6	ug/l	0.5	U	0.74		0.79		0.5	U	0.5	U
2-Butanone	50	ug/l	5	U	5	U	5	U	2.2	J	1.9	J
Acetone	50	ug/l	2	*U*	3	*U*	4	*U*	6.2		6.3	
Trichloroethene	5	ug/l	9		0.5	U	0.5	U	0.5	U	0.5	U
Total TIC Compounds			ND		ND		ND		ND		ND	
1,4 Dioxane by 8270E-SIM												
1,4-Dioxane	0.35	ug/l	0.3	U	0.112	J	0.0994	J	0.312	U	0.288	U
Perfluorinated Alkyl Acids by EPA 1633												
Perfluorobutanoic Acid (PFBA)		ug/l	0.00599		0.00667		0.00711		0.00627	U	0.0058	U
Perfluoropentanoic Acid (PFPeA)		ug/l	0.00323		0.0037		0.00366		0.00314	U	0.0029	U
Perfluorobutanesulfonic Acid (PFBS)		ug/l	0.00132	J	0.00193		0.00189		0.00157	U	0.00145	U
Perfluorohexanoic Acid (PFHxA)		ug/l	0.00276		0.00219		0.00223		0.00157	U	0.00145	U
Perfluoroheptanoic Acid (PFHpA)		ug/l	0.00207		0.000887	J	0.000806	J	0.00157	U	0.00145	U
Perfluorohexanesulfonic Acid (PFHxS)		ug/l	0.00117	J	0.000658	JF	0.000718	J	0.00157	U	0.00145	U
Perfluorooctanoic Acid (PFOA)	0.0067	ug/l	0.00606		0.00279		0.00256		0.00157	U	0.00145	U
Perfluorononanoic Acid (PFNA)		ug/l	0.000367	J	0.00143	U	0.00146	U	0.00157	U	0.00145	U
Perfluorooctanesulfonic Acid (PFOS)	0.0027	ug/l	0.00624		0.00132	JF	0.0013	JF	0.00157	U	0.00145	U
Polychlorinated Biphenyls by GC												
No PCBs Detected.												
Semivolatile Organics by GC/MS												
Benzaldehyde		ug/l	5	U	5	U	5	U	5	U	2.3	*J*
Semivolatile Organics by GC/MS-SIM												
Fluoranthene	50	ug/l	0.1	U	0.1	U	0.1	U	0.08	J	0.1	U
Naphthalene	10	ug/l	0.03	*U*	0.07	*U*	0.04	*U*	0.1	U	0.06	*U*
Benzo(a)anthracene	0.002	ug/l	0.03	*U*	0.1	U	0.1	U	0.06	*U*	0.03	*U*
Benzo(a)pyrene	0	ug/l	0.1	U	0.1	U	0.1	U	0.03	J	0.1	U
Benzo(b)fluoranthene	0.002	ug/l	0.1	U	0.1	U	0.1	U	0.05	J	0.1	U
Chrysene	0.002	ug/l	0.1	U	0.1	U	0.1	U	0.04	J	0.1	U
Pyrene	50	ug/l	0.1	U	0.1	U	0.1	U	0.06	J	0.1	U
2-Methylnaphthalene		ug/l	0.1	U	0.12	*U*	0.1	U	0.1	U	0.04	J
Hexachlorobenzene	0.04	ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.03	J
Total TIC Compounds			33.2	J	54.6	J	47	J	27.2	J	43.6	J
Total Metals												
Aluminum, Total		ug/l	17.9	*U*	59.2	*U*	54.7	*U*	7.33	J	23.6	
Arsenic, Total	25	ug/l	0.5	U	0.31	J	0.33	J	0.5	U	0.18	J
Barium, Total	1000	ug/l	145.8		145.3		145		0.22	J	3.28	
Calcium, Total		ug/l	201000		187000		190000		128		305	
Chromium, Total	50	ug/l	0.31	*U*	0.95	*U*	1.17	*U*	1	U	11.25	
Cobalt, Total		ug/l	0.46	J	1.61		1.56		0.5	U	0.18	J
Copper, Total	200	ug/l	1.65	*U*	0.99	*U*	0.86	*U*	5		3.03	
Iron, Total	300	ug/l	39.8	*U*	174	*U*	147	*U*	50	U	855	
Lead, Total	25	ug/l	1	U	1	U	1	U	1	U	0.47	J
Magnesium, Total	35000	ug/l	40000		33200		35700		70	U	104	
Manganese, Total	300	ug/l	119		265.5		255.2		1	U	8.49	
Nickel, Total	100	ug/l	0.93	*U*	2.86	*U*	2.87	*U*	2	U	6.61	
Potassium, Total		ug/l	29400		16200		16300		100	U	100	U
Selenium, Total	10	ug/l	3.75	*J+*	5	U	5	U	5	U	5	U
Sodium, Total	20000	ug/l	692000		423000		448000		200	J	473	J
Zinc, Total	2000	ug/l	10	U	10	U	10	U	10	U	4.21	*J+*

Samples were collected by CHA Consulting, Inc. on May 18th, 2026 and analyzed by Pace Analytical.
Data Qualifiers that were changed in the Data Usability Report at *italicized*.
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 - Samples detected at a low. Estimated concentration,
U - Not detected at the reported detection limit for the sample.
ND - Non Detect
Data qualifiers that were changed in the Data Usability Report are italicized.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.
Highlights exceed the New York TOGS 1.1.1 AWQS

Table 7.
Syracuse Gateway Apartments

RI Addendum Summary of Soil Vapor Results (Detected Compounds Only)

LOCATION			SV-101		SV-102	
SAMPLING DATE			5/15/2026		5/15/2026	
LAB SAMPLE ID			L2630210-01		L2630210-02	
SAMPLE TYPE			SOIL_VAPOR		SOIL_VAPOR	
SAMPLE DEPTH (ft.)			12.5'		12.5'	
	EPA-VISL-CTSSGC-6	Units	Results	Qual	Results	Qual
Volatile Organics in Air						
Dichlorodifluoromethane	14,600	ug/m^3	11.1		5.93	
1,3-Butadiene	13.6	ug/m^3	0.442	U	0.956	
Acetone	4,510,000	ug/m^3	10.1		17.3	
Trichlorofluoromethane		ug/m^3	1.33		1.33	
Isopropanol	29,200	ug/m^3	2.46	U	3.93	
1,1-Dichloroethene	29,200	ug/m^3	0.793	U	54.3	
Carbon disulfide	102,000	ug/m^3	0.975		3.02	
trans-1,2-Dichloroethene		ug/m^3	0.793	U	6.66	
1,1-Dichloroethane	256	ug/m^3	1.23		81.8	
2-Butanone	730,000	ug/m^3	1.47	U	2.16	
cis-1,2-Dichloroethene		ug/m^3	0.793	U	19.7	
Chloroform	17.8	ug/m^3	0.977	U	3.11	
n-Hexane	102,000	ug/m^3	0.705	U	2.71	
1,1,1-Trichloroethane	730,000	ug/m^3	20.1		103	
Benzene	52.4	ug/m^3	0.639	U	1.25	
Trichloroethene	99.7	ug/m^3	312		319	
Heptane		ug/m^3	0.82	U	3.48	
Toluene	730,000	ug/m^3	0.852		1.4	
Tetrachloroethene	1,570	ug/m^3	4.01		1.36	U

Soil vapor samples were collected by CHA Consulting, Inc. on May 15, 2026 and analyzed by Pace Analytical.
U - Not detected. Reporting Limit presented.
EPA-VISL-CTSSGC-6: EPA VISL Default Commercial Target Sub-Slab & Exterior Soil Gas Concentrations (TCR = 1E-06; THQ = 1) Criteria per VISL Calculator, Updated November 2020 (November 2020 RSLs).
Highlights exceed the EPA VISL Default Commercial Target Sub-Slab & Exterior Soil Gas Concentrations.

Table 8.
Syracuse Gateway Apartments
Duplicate Comparison (Soil)

LOCATION				SOIL-109-8-10		CHA-1		
SAMPLING DATE				5/14/2026		5/14/2026		
LAB SAMPLE ID				L2629626-05		L2629626-08		
SAMPLE TYPE				SOIL		SOIL		
SAMPLE DEPTH (ft.)				8-10'				
	Restricted Residential	Protection of Groundwater	Units	Results	Qual	Results	Qual	RPD%
General Chemistry								
Solids, Total			%	86.4		84.3		2.5
Perfluorinated Alkyl Acids by EPA 1633								
Perfluorohexanesulfonic Acid (PFHxS)			mg/kg	0.000079	J	0.000201	U	87.1
Perfluorooctanoic Acid (PFOA)			mg/kg	0.000201	U	0.000201	U	0.0
Perfluorooctanesulfonic Acid (PFOS)			mg/kg	0.000286		0.00029		1.4
Volatile Organics by EPA 5035/8260								
Chloroform	24	0.37	mg/kg	0.0014	U	0.0017	U	19.4
Ethylbenzene	76	1	mg/kg	0.00091	U	0.0011	U	18.9
Trichloroethene	6.4	0.47	mg/kg	0.00045	U	0.00056	U	21.8
1,2-Dichlorobenzene	100	1.1	mg/kg	0.0018	U	0.0022	U	20.0
1,4-Dichlorobenzene	24	1.8	mg/kg	0.0018	U	0.0022	U	20.0
p/m-Xylene	100	1.2	mg/kg	0.0018	U	0.0022	U	20.0
o-Xylene			mg/kg	0.00091	U	0.0011	U	18.9
Isopropylbenzene			mg/kg	0.00091	U	0.0011	U	18.9
Methyl cyclohexane			mg/kg	0.0036	U	0.0044	U	20.0
Semivolatile Organics by GC/MS								
Acenaphthene	100	98	mg/kg	0.15	U	0.16	U	6.5
Fluoranthene	100	1000	mg/kg	0.11	U	0.12	U	8.7
Naphthalene	100	12	mg/kg	0.19	U	0.2	U	5.1
Bis(2-ethylhexyl)phthalate		435	mg/kg	0.19	U	0.2	U	5.1
Butyl benzyl phthalate			mg/kg	0.19	U	0.2	U	5.1
Di-n-butylphthalate			mg/kg	0.19	U	0.2	U	5.1
Di-n-octylphthalate			mg/kg	0.19	U	0.2	U	5.1
Benzo(a)anthracene	1.4	1	mg/kg	0.11	U	0.12	U	8.7
Benzo(a)pyrene	1	22	mg/kg	0.15	U	0.16	U	6.5
Benzo(b)fluoranthene	1.4	2.1	mg/kg	0.11	U	0.12	U	8.7
Benzo(k)fluoranthene	4.9	2	mg/kg	0.11	U	0.12	U	8.7
Chrysene	4.9	1	mg/kg	0.11	U	0.12	U	8.7
Anthracene	100	1000	mg/kg	0.11	U	0.12	U	8.7
Benzo(ghi)perylene	4.9	1000	mg/kg	0.15	U	0.16	U	6.5
Fluorene	100	386	mg/kg	0.19	U	0.2	U	5.1
Phenanthrene	4.9	1000	mg/kg	0.11	U	0.12	U	8.7
Indeno(1,2,3-cd)pyrene	1.4	6.6	mg/kg	0.15	U	0.16	U	6.5
Pyrene	100	1000	mg/kg	0.11	U	0.12	U	8.7
Biphenyl			mg/kg	0.44	U	0.45	U	2.2
Dibenzofuran	18	110	mg/kg	0.19	U	0.2	U	5.1
2-Methylnaphthalene			mg/kg	0.23	U	0.24	U	4.3
Carbazole			mg/kg	0.19	U	0.2	U	5.1
Atrazine			mg/kg	0.15	U	0.16	U	6.5
Benzaldehyde			mg/kg	0.25	U	0.26	U	3.9
Caprolactam			mg/kg	0.19	U	0.2	U	5.1
2,3,4,6-Tetrachlorophenol			mg/kg	0.19	U	0.2	U	5.1
1,4-Dioxane	5.7		mg/kg	0.029	U	0.029	U	0.0
Total Metals								
Aluminum, Total			mg/kg	6130		5140		17.6
Arsenic, Total	16	16	mg/kg	2.93		2.56		13.5
Barium, Total	410	820	mg/kg	49.3		46.6		5.6
Beryllium, Total	43	47	mg/kg	0.299	J	0.241	J	21.5
Calcium, Total			mg/kg	59600		61000		2.3
Chromium, Total			mg/kg	10.4		8.26		22.9
Cobalt, Total			mg/kg	5.85		5.03		15.1
Copper, Total	280	1720	mg/kg	15.4		13.3		14.6
Iron, Total			mg/kg	14300		11400		22.6
Lead, Total	400	450	mg/kg	6.59		7.23		9.3
Magnesium, Total			mg/kg	20600		22300		7.9
Manganese, Total	2000	2000	mg/kg	472		354		28.6
Mercury, Total	0.3	0.73	mg/kg	0.075	U	0.081	U	7.7
Nickel, Total	320	130	mg/kg	13.3		11.4		15.4
Potassium, Total			mg/kg	925		779		17.1
Selenium, Total	110	4	mg/kg	1.75	U	1.83	U	4.5
Sodium, Total			mg/kg	182		158	J	14.1
Vanadium, Total			mg/kg	16		11.3		34.4
Zinc, Total	6600	2480	mg/kg	29.6		27		9.2

Soil samples were collected by CHA Consulting Inc. on May 14, 2026 and analyzed by Pace Analytical.
(-) Compounds not analyzed for the listed compound.
(J) Results is a low, estimated concentration.
(U) Not detected at the reorted detection limit for the sample.
Restricted Residential: New York 2025 NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective 12/2006 amended 12/2025.
Protection of Groundwater: New York TAGM Soil Cleanup (protect GW) current as of 1/2007.
Bold exceeds the Protection of Groundwater SCOs.
Highlights exceed the Restricted Residential SCOs

Table 8.
Syracuse Gateway Apartments

Duplicate Comparison (Groundwater)

LOCATION			MW-106		CHA-2		
SAMPLING DATE			5/18/2026		5/18/2026		
LAB SAMPLE ID			L2630380-02		L2630380-03		
SAMPLE TYPE			WATER		WATER		
	NY-AWQS	Units	Results	Qual	Results	Qual	RPD %
Volatile Organics by GC/MS							
1,1-Dichloroethane	5	ug/l	6		6.2		3.3
1,1-Dichloroethene	5	ug/l	2.9		3.1		6.7
1,2-Dichloroethane	0.6	ug/l	0.74		0.79		6.5
2-Butanone	50	ug/l	5	U	5	U	0.0
Acetone	50	ug/l	3	J	4	J	28.6
Trichloroethene	5	ug/l	0.5	U	0.5	U	0.0
1,4 Dioxane by 8270E-SIM							
1,4-Dioxane	0.35	ug/l	0.112	J	0.0994	J	11.9
Perfluorinated Alkyl Acids by EPA 1633							
Perfluorobutanoic Acid (PFBA)		ug/l	0.00667		0.00711		6.4
Perfluoropentanoic Acid (PFPeA)		ug/l	0.0037		0.00366		1.1
Perfluorobutanesulfonic Acid (PFBS)		ug/l	0.00193		0.00189		2.1
Perfluorohexanoic Acid (PFHxA)		ug/l	0.00219		0.00223		1.8
Perfluoroheptanoic Acid (PFHpA)		ug/l	0.000887	J	0.000806	J	9.6
Perfluorohexanesulfonic Acid (PFHxS)		ug/l	0.000658	JF	0.000718	J	8.7
Perfluorooctanoic Acid (PFOA)	0.0067	ug/l	0.00279		0.00256		8.6
Perfluorononanoic Acid (PFNA)		ug/l	0.00143	U	0.00146	U	2.1
Perfluorooctanesulfonic Acid (PFOS)	0.0027	ug/l	0.00132	JF	0.0013	JF	1.5
Polychlorinated Biphenyls by GC							
No PCBs Detected.							
Semivolatile Organics by GC/MS							
Benzaldehyde		ug/l	5	U	5	U	0.0
Semivolatile Organics by GC/MS-SIM							
Fluoranthene	50	ug/l	0.1	U	0.1	U	0.0
Naphthalene	10	ug/l	0.07	J	0.04	J	54.5
Benzo(a)anthracene	0.002	ug/l	0.1	U	0.1	U	0.0
Benzo(a)pyrene	0	ug/l	0.1	U	0.1	U	0.0
Benzo(b)fluoranthene	0.002	ug/l	0.1	U	0.1	U	0.0
Chrysene	0.002	ug/l	0.1	U	0.1	U	0.0
Pyrene	50	ug/l	0.1	U	0.1	U	0.0
2-Methylnaphthalene		ug/l	0.12		0.1	U	18.2
Hexachlorobenzene	0.04	ug/l	0.8	U	0.8	U	0.0
Total Metals							
Aluminum, Total		ug/l	59.2		54.7		7.9
Arsenic, Total	25	ug/l	0.31	J	0.33	J	6.3
Barium, Total	1000	ug/l	145.3		145		0.2
Calcium, Total		ug/l	187000		190000		1.6
Chromium, Total	50	ug/l	0.95	J	1.17		20.8
Cobalt, Total		ug/l	1.61		1.56		3.2
Copper, Total	200	ug/l	0.99	J	0.86	J	14.1
Iron, Total	300	ug/l	174		147		16.8
Lead, Total	25	ug/l	1	U	1	U	0.0
Magnesium, Total	35000	ug/l	33200		35700		7.3
Manganese, Total	300	ug/l	265.5		255.2		4.0
Nickel, Total	100	ug/l	2.86		2.87		0.3
Potassium, Total		ug/l	16200		16300		0.6
Selenium, Total	10	ug/l	5	U	5	U	0.0
Sodium, Total	20000	ug/l	423000		448000		5.7
Zinc, Total	2000	ug/l	10	U	10	U	0.0

Samples were collected by CHA Consulting, Inc. on May 18th, 2026 and analyzed by Pace Analytical.
Data Qualifiers that were changed in the Data Usability Report at *italicized*.
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 - Samples detected at a low. Estimated concentration,
U - Not detected at the reported detection limit for the sample.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards & Guidance Values Criteria per Standards & Guidance Values Criteria per Standards & Guidance Values including all addenda through February 2023.
Highlights exceed the New York TOGS 1.1.1 AWQS

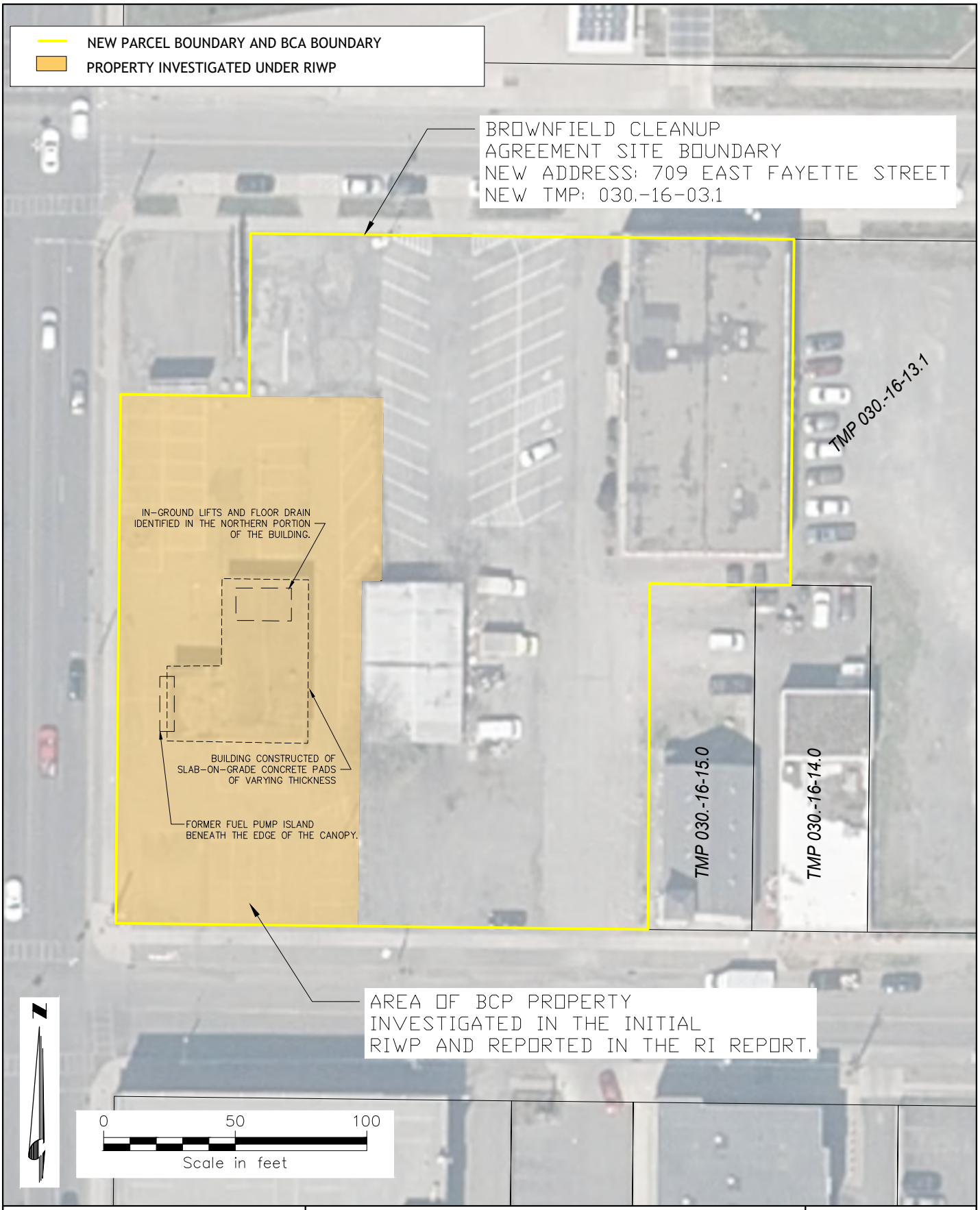
Table 9.
Syracuse Gateway Apartments

Soil Waste Characterization

LOCATION			SOIL-WC	
SAMPLING DATE			5/18/2026	
LAB SAMPLE ID			L2630380-07	
SAMPLE TYPE			SOIL	
	Part 371 Regulatory Levels	Units	Results	Qual
General Chemistry				
Solids, Total		%	84	
pH (H)		SU	8.39	
TCLP Volatiles by EPA 1311				
No VOCs Detected.				
Ignitability of Solids				
Ignitability			NI	
Polychlorinated Biphenyls by GC				
No PCBs Detected.				
TCLP Herbicides by EPA 1311				
No Herbicides Detected.				
TCLP Metals by EPA 1311				
Barium, TCLP	100	mg/l	0.648	
TCLP Pesticides by EPA 1311				
No Pesticides Detected.				
TCLP Semivolatiles by EPA 1311				
Pyridine	5	mg/l	0.001	J

Waste characterization sample collected by CHA Consulting Inc. on May 18th, 2026 and analyzed by Pace Analytical.
J - Sample detected at a low, estimated concentration.
Waste characterization sample were compared to Part 371 Regulatory Levels.

FIGURES



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SITE LOCATION MAP

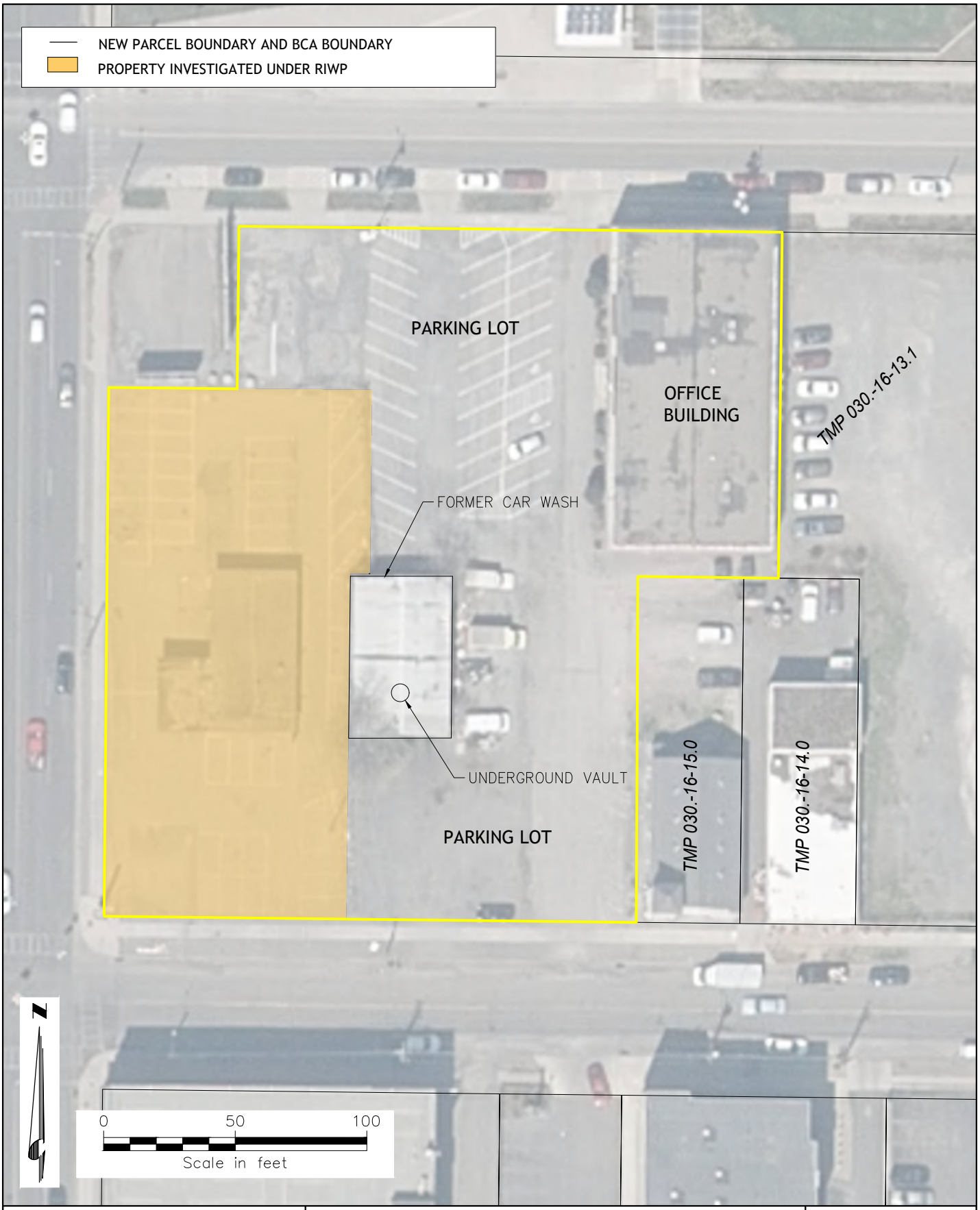
GATEWAY SYRACUSE APARTMENTS
REMEDIAL INVESTIGATION REPORT ADDENDUM

PROJECT NO. 083628.000

DATE: 06/2026

FIGURE 1

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RI ADDENDUM SITE LAYOUT MAP

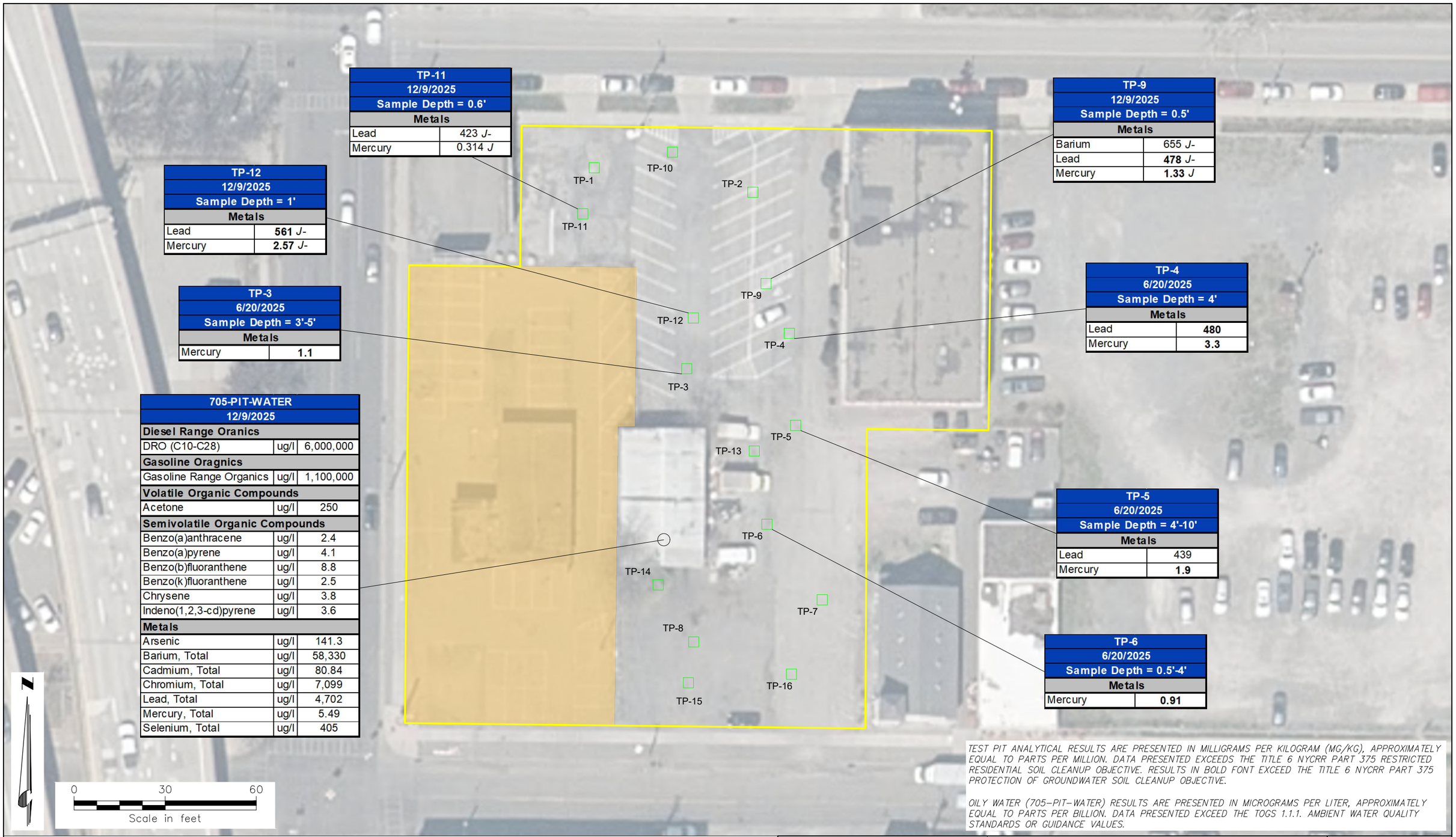
GATEWAY SYRACUSE APARTMENTS
REMEDIAL INVESTIGATION REPORT ADDEUNDUM

PROJECT NO. 083628.000

DATE: 06/2026

FIGURE 2

File: V:\PROJECTS\ANY\K6\086328.000\09_DESIGN\DRAWINGS\ENV\2026-06-22_RI_REPORT_ADDENDUM.DWG
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TP-11	
12/9/2025	
Sample Depth = 0.6'	
Metals	
Lead	423 *J-*
Mercury	0.314 *J*

TP-12	
12/9/2025	
Sample Depth = 1'	
Metals	
Lead	**561** *J-*
Mercury	**2.57** *J-*

TP-3	
6/20/2025	
Sample Depth = 3'-5'	
Metals	
Mercury	**1.1**

705-PIT-WATER		
12/9/2025		
Diesel Range Oranics		
DRO (C10-C28)	ug/l	6,000,000
Gasoline Oragnics		
Gasoline Range Organics	ug/l	1,100,000
Volatile Organic Compounds		
Acetone	ug/l	250
Semivolatile Organic Compounds		
Benzo(a)anthracene	ug/l	2.4
Benzo(a)pyrene	ug/l	4.1
Benzo(b)fluoranthene	ug/l	8.8
Benzo(k)fluoranthene	ug/l	2.5
Chrysene	ug/l	3.8
Indeno(1,2,3-cd)pyrene	ug/l	3.6
Metals		
Arsenic	ug/l	141.3
Barium, Total	ug/l	58,330
Cadmium, Total	ug/l	80.84
Chromium, Total	ug/l	7,099
Lead, Total	ug/l	4,702
Mercury, Total	ug/l	5.49
Selenium, Total	ug/l	405

TP-9	
12/9/2025	
Sample Depth = 0.5'	
Metals	
Barium	655 *J-*
Lead	**478** *J-*
Mercury	**1.33** *J*

TP-4	
6/20/2025	
Sample Depth = 4'	
Metals	
Lead	**480**
Mercury	**3.3**

TP-5	
6/20/2025	
Sample Depth = 4'-10'	
Metals	
Lead	439
Mercury	**1.9**

TP-6	
6/20/2025	
Sample Depth = 0.5'-4'	
Metals	
Mercury	**0.91**

TEST PIT ANALYTICAL RESULTS ARE PRESENTED IN MILLIGRAMS PER KILOGRAM (MG/KG), APPROXIMATELY EQUAL TO PARTS PER MILLION. DATA PRESENTED EXCEEDS THE TITLE 6 NYCRR PART 375 RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVE. RESULTS IN BOLD FONT EXCEED THE TITLE 6 NYCRR PART 375 PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVE.

OILY WATER (705-PIT-WATER) RESULTS ARE PRESENTED IN MICROGRAMS PER LITER, APPROXIMATELY EQUAL TO PARTS PER BILLION. DATA PRESENTED EXCEED THE TOGS 1.1.1. AMBIENT WATER QUALITY STANDARDS OR GUIDANCE VALUES.

NEW PARCEL BOUNDARY AND BCA BOUNDARY

PROPERTY INVESTIGATED UNDER RIWP

TEST PIT LOCATION AND SOIL SAMPLE

J = ESTIMATED VALUE

J- = ESTIMATED VALUE, BIASED LOW

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HISTORICAL TEST PIT LOCATIONS

SYRACUSE GATEWAY APARTMENTS
REMEDIAL INVESTIGATION REPORT ADDENDUM

PROJECT NO. 086328

DATE: 06/2026

FIGURE 3

File: V:\PROJECTS\ANY\K6\086328.000\09_DESIGN\DRAWINGS\ENV\2026-06-22_RI_REPORT_ADDENDUM.DWG
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SOIL-105-16-18	
5/14/2026	
Sample Depth = 16'-18'	
Volatile Organic Compounds	
Total TICs	0.00241 J
Semivolatile Organic Compounds	
Total TICs	1.64 J

SOIL-110-8-10	
5/14/2026	
Sample Depth = 8'-10'	
Volatile Organic Compounds	
o-Xylene	2.6
p/m-Xylene	3.5
Total Xylenes	**6.1**
Total TICs	16.1
Semivolatile Organic Compounds	
Total TICs	29.7 J

SOIL-110-19-20	
5/14/2026	
Sample Depth = 19'-20'	
Volatile Organic Compounds	
Total TICs	0.00462
Semivolatile Organic Compounds	
Total TICs	1.8 J

SOIL-109-8-10	
5/14/2026	
Sample Depth = 8'-10'	
Volatile Organic Compounds	
Total TICs	0.013
Semivolatile Organic Compounds	
Total TICs	1.58 J

SOIL-107-14-16	
5/14/2026	
Sample Depth = 14'-16'	
Volatile Organic Compounds	
Total TICs	0.00225 J
Semivolatile Organic Compounds	
Total TICs	1.56 J

SOIL-108-13-15	
5/14/2026	
Sample Depth = 13'-15'	
Volatile Organic Compounds	
Total TICs	Non-Detect
Semivolatile Organic Compounds	
Total TICs	1.92 J

SOIL-106-12-14	
5/14/2026	
Sample Depth = 12'-14'	
Volatile Organic Compounds	
Total TICs	Non-Detect
Semivolatile Organic Compounds	
Total TICs	1.53 J

SOIL-105

SOIL-107

SOIL-108

SOIL-110

SOIL-109

SOIL-106

B

B'

0 30 60

Scale in feet

NEW PARCEL BOUNDARY AND BCA BOUNDARY

PROPERTY INVESTIGATED UNDER RIWP

SOIL BORING LOCATION

J = ESTIMATED VALUE

DATA PRESENTED IN MILLIGRAMS PER KILOGRAM (MG/KG), APPROXIMATELY EQUAL TO PARTS PER MILLION.

DATA PRESENTED EXCEEDS THE TITLE 6 NYCRR PART 375 RESTRICTED RESIDENTIAL SOIL CLEANUP OBJECTIVE. RESULTS IN BOLD FONT EXCEED THE TITLE 6 NYCRR PART 375 PROTECTION OF GROUNDWATER SOIL CLEANUP OBJECTIVE. TENTATIVELY IDENTIFIED COMPOUNDS (TICs) PRESENTED.

CROSS-SECTION B – B' PRESENTED ON FIGURE 7.

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RI ADDENDUM SUBSURFACE SOIL ANALYTICAL RESULTS

SYRACUSE GATEWAY APARTMENTS
REMEDIAL INVESTIGATION REPORT ADDENDUM

PROJECT NO. 086328

DATE: 06/2026

FIGURE 4

File: V:\PROJECTS\ANY\K6\086328.000\09_DESIGN\DRAWINGS\ENV\2026-06-22_RI_REPORT_ADDENDUM.DWG
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DATA PRESENTED IN MICROGRAMS PER LITER (UG/L), APPROXIMATELY EQUAL TO PARTS PER BILLION.
DATA PRESENTED EXCEEDS THE TECHNICAL AND OPERATIONAL GUIDANCE SERIES 1.1.1. (TOGS 1.1.1) AMBIENT WATER QUALITY STANDARDS.
TENTATIVELY IDENTIFIED COMPOUNDS (TICs) ARE PRESENTED.

MEASURED GROUNDWATER ELEVATIONS ON JUNE 2, 2026 WERE FOUND TO BE WITHIN 0.05 FEET BETWEEN ALL GROUNDWATER MONITORING WELLS AND DID NOT INDICATE A CLEAR DIRECTION OF GROUNDWATER FLOW. PRIOR INVESTIGATION ON THE MIDTOWN PLAZA SITE (NYSDEC SITE CODE: B-0003-7), LOCATED DIRECTLY ADJACENT TO THE NORTH OF THE BCP, IDENTIFIED A LOCALIZED GROUNDWATER FLOW PATH TO THE SOUTHEAST.

GENERALLY, THE REGION IS EXPECTED TO BE INFLUENCED BY ONONDAGA CREEK TO THE WEST AND ONONDAGA LAKE TO THE NORTHWEST. THEREFORE, SHALLOW GROUNDWATER FLOW DIRECTION IS ANTICIPATED TO BE INFLUENCED BY A LOCALIZED FLOW PATH TO THE SOUTHEAST WHILE THE GENERAL AREA CONTRIBUTES TO BASE FLOW AT ONONDAGA CREEK AND ONONDAGA LAKE.

MONITORING WELLS MW-101 THROUGH MW-104 PRESENTED FOR PURPOSES OF EVALUATING GROUNDWATER ELEVATION. THESE WELLS WERE SAMPLED IN APRIL 2025.

MW-105
386.51'

MW-103
386.55'

MW-102
386.55'

MW-104
386.55'

MW-101
386.53'

MW-106
386.49'

MW-105	
5/18/2026	
Volatile Organic Compounds	
Trichloroethene	9
Total TICs	Non-Detect
Semivolatile Organic Compounds	
Total TICs	33.2 J
Perfluoroalkyl Substances	
Perfluorooctanesulfonic Acid (PFOS)	0.00624
Metals	
Magnesium	40,000
Sodium	692,000

MW-106	
5/18/2026	
Volatile Organic Compounds	
1,1-Dichloroethane	6
1,2-Dichloroethane	0.74
Total TICs	Non-Detect
Semivolatile Organic Compounds	
Total TICs	54.6 J
Metals	
Sodium	423,000

0 40 80
Scale in feet

NEW PARCEL BOUNDARY AND BCA BOUNDARY
PROPERTY INVESTIGATED UNDER RIWP
MONITORING WELL

J = ESTIMATED VALUE

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RI ADDENDUM MONITORING WELL LOCATIONS AND RESULTS

SYRACUSE GATEWAY APARTMENTS
REMEDIAL INVESTIGATION REPORT ADDENDUM

PROJECT NO. 086328
DATE: 06/2026
FIGURE 5

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SV-101	
5/15/2026	
Sample Depth = 12.5'	
Volatile Organic Compounds	
Trichloroethene	312
Dichlorodifluoromethane	11.1
Acetone	10.1
Trichlorofluoromethane	1.33
Carbon disulfide	0.975
1,1-Dichloroethane	1.23
1,1,1-Trichloroethane	20.1
Toluene	0.852
Tetrachloroethene	4.01

SV-102	
5/15/2026	
Sample Depth = 12.5'	
Volatile Organic Compounds	
Trichloroethene	319
Dichlorodifluoromethane	5.93
1,3-Butadiene	0.956
Acetone	17.3
Trichlorofluoromethane	1.33
Isopropanol	3.93
1,1-Dichloroethene	54.3
Carbon disulfide	3.02
trans-1,2-Dichloroethene	6.66
1,1-Dichloroethane	81.8
2-Butanone	2.16
cis-1,2-Dichloroethene	19.7
Chloroform	3.11
n-Hexane	2.71
1,1,1-Trichloroethane	103
Benzene	1.25
Heptane	3.48
Toluene	1.4

SV-101

SV-102

0 40 80
Scale in feet

NEW PARCEL BOUNDARY AND BCA BOUNDARY

PROPERTY INVESTIGATED UNDER RIWP

SOIL VAPOR SAMPLE

DATA PRESENTED IN MICROGRAMS PER CUBIC METER (UG/M^3). ALL DETECTIONS OF ANALYZED COMPOUNDS ARE PRESENTED. NO COMPARISON STANDARDS ARE PROMULGATED IN NEW YORK STATE. TABLE 5 COMPARES THE DETECTED CONCENTRATIONS TO THE EPA VAPOR INTRUSION SCREENING LEVELS.

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RI ADDNENDUM SOIL VAPOR POINT LOCATIONS AND RESULTS

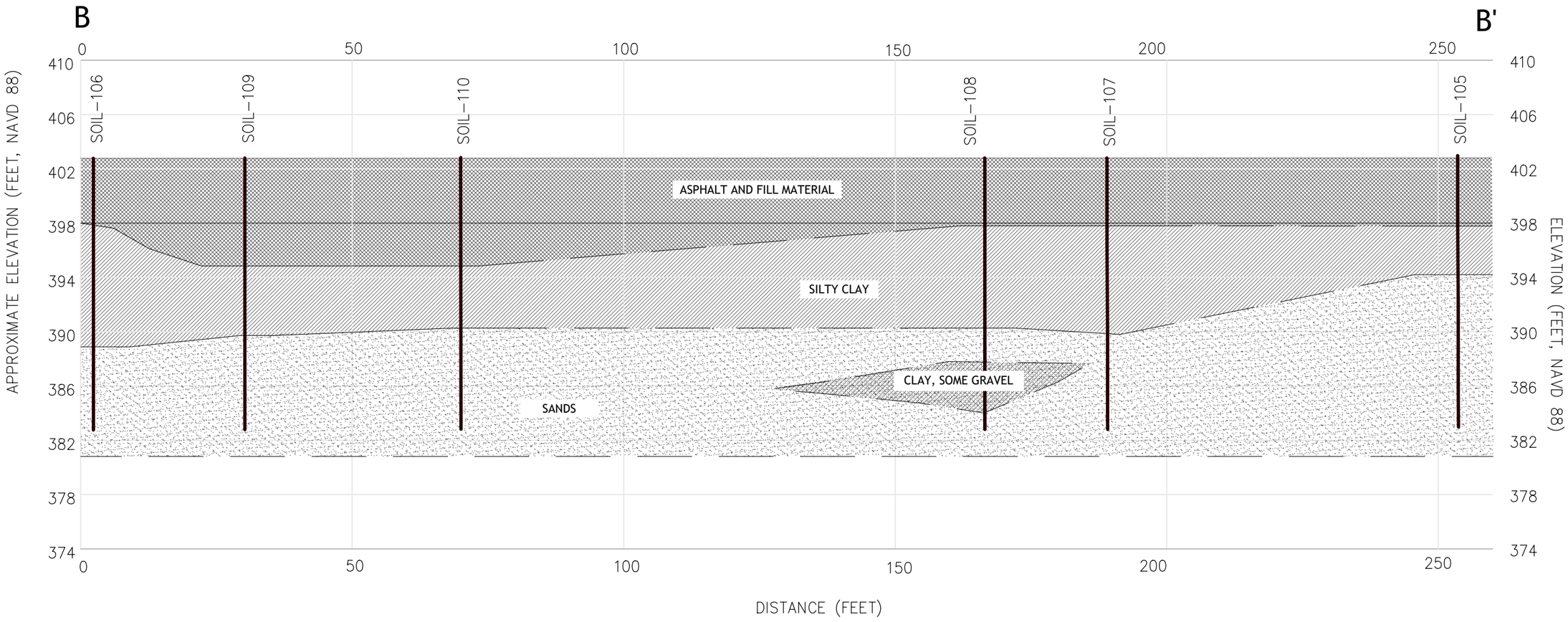
SYRACUSE GATEWAY APARTMENTS
REMEDIAL INVESTIGATION REPORT ADDENDUM

PROJECT NO. 086328

DATE: 06/2026

FIGURE 6

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NOTES:

1. CROSS-SECTION LINE B - B' IS PRESENTED ON FIGURE 4.
2. ALL BORING LOCATIONS ARE APPROXIMATE
3. STRATIGRAPHIC TRANSITIONS ARE INTERPOLATED BETWEEN THE BORING LOCATIONS
4. SURFACE ELEVATION IS APPROXIMATE

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GEOLOGICAL CROSS SECTION B - B'

GATEWAY SYRACUSE APARTMENTS
REMEDIAL INVESTIGATION REPORT ADDENDUM

PROJECT NO. 086328

DATE: 06/2026

FIGURE 7

File: V:\PROJECTS\ANY\K6\086328.000\09_DESIGN\DRAWINGS\ENV\2026-06-22_RI_REPORT_ADDENDUM.DWG
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POTENTIAL SENSITIVE RECEPTORS MAP

GATEWAY SYRACUSE APARTMENTS
REMEDIAL INVESTIGATION REPORT ADDENDUM

083628.000

DATE: 06/2026

FIGURE 8

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APPENDIX A

Historical Test Pit and Underground Vault Analytical Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Andrew Hodgens
CHA Inc
One Park Place
300 South State Street, Suite 600
Syracuse, New York 13202

Generated 7/10/2025 12:31:44 AM

JOB DESCRIPTION

Fayette & Almond Street

JOB NUMBER

480-230533-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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Authorized for release by
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Definitions/Glossary

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A- L low-level specifications.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
480-230533-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 6/21/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-749761 recovered above the upper control limit for Cyclohexane, Trichlorofluoromethane, Trichloroethene, Methylcyclohexane and 2-Butanone (MEK). The samples associated with this CCV were not detected above the reporting limit (RL) for the affected analytes; therefore, the data have been reported. The associated samples are:TP-1 (480-230533-1), TP-3 (480-230533-3), TP-4 (480-230533-4), TP-5 (480-230533-5), TP-6 (480-230533-6), TP-7 (480-230533-7) and TP-8 (480-230533-8).

Method 8260C: The laboratory control sample (LCS) for preparation batch 480-749760 and analytical batch 480-749761 recovered outside control limits for the following analyte: Cyclohexane. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The associated samples are:TP-1 (480-230533-1), TP-2 (480-230533-2), TP-3 (480-230533-3), TP-4 (480-230533-4), TP-5 (480-230533-5), TP-6 (480-230533-6), TP-7 (480-230533-7) and TP-8 (480-230533-8).

Method 8260C: The continuing calibration verification (CCV) analyzed in 480-749761 was outside the method criteria for the following analyte(s): Trichloroethene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated sample is:TP-2 (480-230533-2).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-749761 recovered above the upper control limit for Cyclohexane, Trichlorofluoromethane, Methylcyclohexane and 2-Butanone (MEK). The samples associated with this CCV were not detected above the reporting limit (RL) for the affected analytes; therefore, the data have been reported. The associated sample is:TP-2 (480-230533-2).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) associated with batch 480-749964 recovered above the upper control limit for 4,6-Dinitro-2-methylphenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:TP-1 (480-230533-1), TP-2 (480-230533-2), TP-3 (480-230533-3), TP-4 (480-230533-4), TP-5 (480-230533-5), TP-6 (480-230533-6), TP-7 (480-230533-7) and TP-8 (480-230533-8).

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-749964 recovered outside acceptance criteria, low biased, for Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270D: The following sample was diluted due to color, appearance, and viscosity: TP-7 (480-230533-7). Elevated reporting limits (RL) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

PCBs
Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences

caused by sulfur: TP-4 (480-230533-4), TP-5 (480-230533-5), TP-6 (480-230533-6), TP-7 (480-230533-7), (240-228182-A-6-F), (240-228182-A-6-G MS) and (240-228182-A-6-H MSD).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-749862 is outside the acceptance criteria for the following analytes: Silver, Beryllium, Nickel, and Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-749862 is outside the acceptance criteria for the following analytes: Silver, Beryllium, and Nickel. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-749903 is outside the acceptance criteria for the following analytes: Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Client Sample ID: TP-1 — Lab Sample ID: 480-230533-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.7	J vs	6.2	0.83	ug/Kg	1	☼	8260C	Total/NA
Benzo[a]anthracene	69	J	210	29	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	72	J	210	35	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	96	J	210	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	57	J	210	36	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	53	J	210	47	ug/Kg	1	☼	8270D	Total/NA
Chrysene	86	J	210	50	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	140	J	210	38	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	49	J	210	31	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	87	J	210	39	ug/Kg	1	☼	8270D	Total/NA
Pyrene	130	J	210	40	ug/Kg	1	☼	8270D	Total/NA
Aluminum	22400		13.3	11.5	mg/Kg	1	☼	6010D	Total/NA
Antimony	1.2	J	19.9	0.70	mg/Kg	1	☼	6010D	Total/NA
Arsenic	5.5		2.7	1.2	mg/Kg	1	☼	6010D	Total/NA
Barium	100		0.66	0.19	mg/Kg	1	☼	6010D	Total/NA
Beryllium	1.1	^5-	0.27	0.053	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.35		0.27	0.093	mg/Kg	1	☼	6010D	Total/NA
Calcium	8510		66.5	35.9	mg/Kg	1	☼	6010D	Total/NA
Chromium	30.2		0.66	0.48	mg/Kg	1	☼	6010D	Total/NA
Cobalt	13.3		0.66	0.13	mg/Kg	1	☼	6010D	Total/NA
Copper	22.2		1.3	0.76	mg/Kg	1	☼	6010D	Total/NA
Iron	28300		13.3	11.3	mg/Kg	1	☼	6010D	Total/NA
Lead	54.6		1.3	0.61	mg/Kg	1	☼	6010D	Total/NA
Magnesium	6610		26.6	11.3	mg/Kg	1	☼	6010D	Total/NA
Manganese	191		1.3	0.37	mg/Kg	1	☼	6010D	Total/NA
Nickel	28.2	^5-	6.6	0.33	mg/Kg	1	☼	6010D	Total/NA
Potassium	4950		39.9	32.2	mg/Kg	1	☼	6010D	Total/NA
Sodium	1390		186	81.5	mg/Kg	1	☼	6010D	Total/NA
Vanadium	40.7		0.66	0.17	mg/Kg	1	☼	6010D	Total/NA
Zinc	108	^5-	2.7	1.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.17		0.024	0.0056	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-2 — Lab Sample ID: 480-230533-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	6.3	vs	5.2	1.1	ug/Kg	1	☼	8260C	Total/NA
Aluminum	8430		10.4	8.9	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.6		2.1	0.91	mg/Kg	1	☼	6010D	Total/NA
Barium	64.3		0.52	0.15	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.44	^5-	0.21	0.041	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.11	J	0.21	0.073	mg/Kg	1	☼	6010D	Total/NA
Calcium	118000		259	140	mg/Kg	5	☼	6010D	Total/NA
Chromium	12.3		0.52	0.37	mg/Kg	1	☼	6010D	Total/NA
Cobalt	5.7		0.52	0.10	mg/Kg	1	☼	6010D	Total/NA
Copper	19.4		1.0	0.59	mg/Kg	1	☼	6010D	Total/NA
Iron	12100		10.4	8.8	mg/Kg	1	☼	6010D	Total/NA
Lead	7.1		1.0	0.48	mg/Kg	1	☼	6010D	Total/NA
Magnesium	34100		20.7	8.8	mg/Kg	1	☼	6010D	Total/NA
Manganese	280		1.0	0.29	mg/Kg	1	☼	6010D	Total/NA
Nickel	12.8	^5-	5.2	0.26	mg/Kg	1	☼	6010D	Total/NA
Potassium	3050		31.1	25.1	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: TP-2 (Continued)
Lab Sample ID: 480-230533-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	298		145	63.6	mg/Kg	1	☼	6010D	Total/NA
Vanadium	14.7		0.52	0.13	mg/Kg	1	☼	6010D	Total/NA
Zinc	23.0	^5-	2.1	1.1	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.055		0.022	0.0050	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-3
Lab Sample ID: 480-230533-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.6	J vs	31	5.2	ug/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	51	J	210	33	ug/Kg	1	☼	8270D	Total/NA
Acenaphthylene	60	J	210	40	ug/Kg	1	☼	8270D	Total/NA
Anthracene	85	J	210	38	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	360		210	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	370		210	35	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	480		210	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	270		210	36	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	280		210	46	ug/Kg	1	☼	8270D	Total/NA
Carbazole	51	J	210	41	ug/Kg	1	☼	8270D	Total/NA
Chrysene	390		210	50	ug/Kg	1	☼	8270D	Total/NA
Dibenz(a,h)anthracene	72	J	210	42	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	47	J	210	36	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	640		210	38	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	220		210	31	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	210		210	34	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	310		210	39	ug/Kg	1	☼	8270D	Total/NA
Pyrene	520		210	39	ug/Kg	1	☼	8270D	Total/NA
Aluminum	15400		12.6	10.8	mg/Kg	1	☼	6010D	Total/NA
Antimony	1.4	J	18.9	0.67	mg/Kg	1	☼	6010D	Total/NA
Arsenic	5.4		2.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	121		0.63	0.18	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.72	^5-	0.25	0.050	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.28		0.25	0.088	mg/Kg	1	☼	6010D	Total/NA
Calcium	20100		62.9	34.0	mg/Kg	1	☼	6010D	Total/NA
Chromium	21.7		0.63	0.45	mg/Kg	1	☼	6010D	Total/NA
Cobalt	9.1		0.63	0.13	mg/Kg	1	☼	6010D	Total/NA
Copper	32.6		1.3	0.72	mg/Kg	1	☼	6010D	Total/NA
Iron	20100		12.6	10.7	mg/Kg	1	☼	6010D	Total/NA
Lead	197		1.3	0.58	mg/Kg	1	☼	6010D	Total/NA
Magnesium	9850		25.2	10.7	mg/Kg	1	☼	6010D	Total/NA
Manganese	279		1.3	0.35	mg/Kg	1	☼	6010D	Total/NA
Nickel	21.1	^5-	6.3	0.31	mg/Kg	1	☼	6010D	Total/NA
Potassium	3440		37.8	30.5	mg/Kg	1	☼	6010D	Total/NA
Silver	0.68	J ^5-	0.76	0.25	mg/Kg	1	☼	6010D	Total/NA
Sodium	1270		176	77.2	mg/Kg	1	☼	6010D	Total/NA
Vanadium	28.7		0.63	0.16	mg/Kg	1	☼	6010D	Total/NA
Zinc	116	^5-	2.5	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	1.1		0.025	0.0057	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-4
Lab Sample ID: 480-230533-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	12	J vs	33	2.4	ug/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-4 (Continued)
Lab Sample ID: 480-230533-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	72	vs	33	5.5	ug/Kg	1	☼	8260C	Total/NA
4-Methylphenol	100	J	440	40	ug/Kg	1	☼	8270D	Total/NA
Acetophenone	42	J	220	39	ug/Kg	1	☼	8270D	Total/NA
Benzaldehyde	250		220	170	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	85	J	220	31	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	89	J	220	38	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	160	J	220	30	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	110	J	220	39	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	93	J	220	50	ug/Kg	1	☼	8270D	Total/NA
Chrysene	140	J	220	54	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	190	J	220	41	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	88	J	220	33	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	74	J	220	37	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	150	J	220	42	ug/Kg	1	☼	8270D	Total/NA
Pyrene	130	J	220	42	ug/Kg	1	☼	8270D	Total/NA
Aluminum	13200		13.7	11.8	mg/Kg	1	☼	6010D	Total/NA
Antimony	1.0	J	20.5	0.73	mg/Kg	1	☼	6010D	Total/NA
Arsenic	13.8		2.7	1.2	mg/Kg	1	☼	6010D	Total/NA
Barium	237		0.68	0.19	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.69	^5-	0.27	0.055	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.44		0.27	0.096	mg/Kg	1	☼	6010D	Total/NA
Calcium	15000		68.4	36.9	mg/Kg	1	☼	6010D	Total/NA
Chromium	26.1		0.68	0.49	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.9		0.68	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	45.4		1.4	0.78	mg/Kg	1	☼	6010D	Total/NA
Iron	17600		13.7	11.6	mg/Kg	1	☼	6010D	Total/NA
Lead	480		1.4	0.63	mg/Kg	1	☼	6010D	Total/NA
Magnesium	6110		27.4	11.6	mg/Kg	1	☼	6010D	Total/NA
Manganese	214		1.4	0.38	mg/Kg	1	☼	6010D	Total/NA
Nickel	22.8	^5-	6.8	0.34	mg/Kg	1	☼	6010D	Total/NA
Potassium	2670		41.0	33.2	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.7	J	5.5	1.1	mg/Kg	1	☼	6010D	Total/NA
Silver	17.0	^5-	0.82	0.27	mg/Kg	1	☼	6010D	Total/NA
Sodium	2060		192	83.9	mg/Kg	1	☼	6010D	Total/NA
Vanadium	25.0		0.68	0.18	mg/Kg	1	☼	6010D	Total/NA
Zinc	233	^5-	2.7	1.4	mg/Kg	1	☼	6010D	Total/NA
Mercury	3.3		0.14	0.032	mg/Kg	5	☼	7471B	Total/NA

Client Sample ID: TP-5
Lab Sample ID: 480-230533-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	8.4	J vs	34	2.5	ug/Kg	1	☼	8260C	Total/NA
Acetone	38	vs	34	5.7	ug/Kg	1	☼	8260C	Total/NA
2-Methylnaphthalene	67	J	230	36	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	98	J	230	43	ug/Kg	1	☼	8270D	Total/NA
Anthracene	130	J	230	43	ug/Kg	1	☼	8270D	Total/NA
Benzaldehyde	180	J	230	180	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	130	J	230	32	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	120	J	230	39	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	170	J	230	31	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	110	J	230	40	ug/Kg	1	☼	8270D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-5 (Continued)
Lab Sample ID: 480-230533-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[k]fluoranthene	100	J	230	52	ug/Kg	1	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	63	J	230	50	ug/Kg	1	☼	8270D	Total/NA
Chrysene	150	J	230	56	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	110	J	230	41	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	420		230	42	ug/Kg	1	☼	8270D	Total/NA
Fluorene	110	J	230	42	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	83	J	230	34	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	110	J	230	38	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	560		230	43	ug/Kg	1	☼	8270D	Total/NA
Pyrene	330		230	44	ug/Kg	1	☼	8270D	Total/NA
Aluminum	14000		14.1	12.2	mg/Kg	1	☼	6010D	Total/NA
Antimony	0.80	J	21.2	0.75	mg/Kg	1	☼	6010D	Total/NA
Arsenic	6.7		2.8	1.2	mg/Kg	1	☼	6010D	Total/NA
Barium	186		0.71	0.20	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.64	^5-	0.28	0.056	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.86		0.28	0.099	mg/Kg	1	☼	6010D	Total/NA
Calcium	39300		70.5	38.1	mg/Kg	1	☼	6010D	Total/NA
Chromium	21.9		0.71	0.51	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.2		0.71	0.14	mg/Kg	1	☼	6010D	Total/NA
Copper	48.0		1.4	0.80	mg/Kg	1	☼	6010D	Total/NA
Iron	17400		14.1	12.0	mg/Kg	1	☼	6010D	Total/NA
Lead	439		1.4	0.65	mg/Kg	1	☼	6010D	Total/NA
Magnesium	20700		28.2	12.0	mg/Kg	1	☼	6010D	Total/NA
Manganese	274		1.4	0.39	mg/Kg	1	☼	6010D	Total/NA
Nickel	18.4	^5-	7.1	0.35	mg/Kg	1	☼	6010D	Total/NA
Potassium	3230		42.3	34.2	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.8	J	5.6	1.1	mg/Kg	1	☼	6010D	Total/NA
Silver	0.45	J ^5-	0.85	0.28	mg/Kg	1	☼	6010D	Total/NA
Sodium	713		197	86.5	mg/Kg	1	☼	6010D	Total/NA
Vanadium	26.7		0.71	0.18	mg/Kg	1	☼	6010D	Total/NA
Zinc	385	^5-	14.1	7.2	mg/Kg	5	☼	6010D	Total/NA
Mercury	1.9		0.026	0.0061	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-6
Lab Sample ID: 480-230533-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	14	J vs	37	2.7	ug/Kg	1	☼	8260C	Total/NA
Acetone	41	vs	37	6.2	ug/Kg	1	☼	8260C	Total/NA
4-Methylphenol	66	J	490	45	ug/Kg	1	☼	8270D	Total/NA
Benzaldehyde	270		250	190	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	62	J	250	35	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	59	J	250	43	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	97	J	250	34	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	52	J	250	44	ug/Kg	1	☼	8270D	Total/NA
Chrysene	67	J	250	60	ug/Kg	1	☼	8270D	Total/NA
Di-n-butyl phthalate	58	J	250	56	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	110	J	250	46	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	40	J	250	37	ug/Kg	1	☼	8270D	Total/NA
Pyrene	85	J	250	48	ug/Kg	1	☼	8270D	Total/NA
Aluminum	19300		15.8	13.7	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.5	J	3.2	1.4	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-6 (Continued)
Lab Sample ID: 480-230533-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	150		0.79	0.22	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.74	^5-	0.32	0.063	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.47		0.32	0.11	mg/Kg	1	☼	6010D	Total/NA
Calcium	21800		79.2	42.7	mg/Kg	1	☼	6010D	Total/NA
Chromium	21.8		0.79	0.57	mg/Kg	1	☼	6010D	Total/NA
Cobalt	7.0		0.79	0.16	mg/Kg	1	☼	6010D	Total/NA
Copper	36.1		1.6	0.90	mg/Kg	1	☼	6010D	Total/NA
Iron	13400		15.8	13.4	mg/Kg	1	☼	6010D	Total/NA
Lead	396		1.6	0.73	mg/Kg	1	☼	6010D	Total/NA
Magnesium	4780		31.7	13.4	mg/Kg	1	☼	6010D	Total/NA
Manganese	233		1.6	0.44	mg/Kg	1	☼	6010D	Total/NA
Nickel	24.7	^5-	7.9	0.40	mg/Kg	1	☼	6010D	Total/NA
Potassium	3250		47.5	38.4	mg/Kg	1	☼	6010D	Total/NA
Silver	0.39	J ^5-	0.95	0.32	mg/Kg	1	☼	6010D	Total/NA
Sodium	151	J	222	97.1	mg/Kg	1	☼	6010D	Total/NA
Vanadium	24.5		0.79	0.21	mg/Kg	1	☼	6010D	Total/NA
Zinc	92.3	^5-	3.2	1.6	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.91		0.031	0.0071	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: TP-7
Lab Sample ID: 480-230533-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	250	J	1100	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[a]pyrene	250	J	1100	190	ug/Kg	5	☼	8270D	Total/NA
Benzo[b]fluoranthene	320	J	1100	150	ug/Kg	5	☼	8270D	Total/NA
Benzo[g,h,i]perylene	220	J	1100	190	ug/Kg	5	☼	8270D	Total/NA
Bis(2-ethylhexyl) phthalate	250	J	1100	240	ug/Kg	5	☼	8270D	Total/NA
Fluoranthene	500	J	1100	200	ug/Kg	5	☼	8270D	Total/NA
Phenanthrene	210	J	1100	200	ug/Kg	5	☼	8270D	Total/NA
Pyrene	420	J	1100	210	ug/Kg	5	☼	8270D	Total/NA
Aluminum	15300		12.9	11.1	mg/Kg	1	☼	6010D	Total/NA
Antimony	1.3	J	19.3	0.68	mg/Kg	1	☼	6010D	Total/NA
Arsenic	4.7		2.6	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	127		0.64	0.18	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.73	^5-	0.26	0.052	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.55		0.26	0.090	mg/Kg	1	☼	6010D	Total/NA
Calcium	37500		64.4	34.8	mg/Kg	1	☼	6010D	Total/NA
Chromium	23.1		0.64	0.46	mg/Kg	1	☼	6010D	Total/NA
Cobalt	10.3		0.64	0.13	mg/Kg	1	☼	6010D	Total/NA
Copper	42.4		1.3	0.73	mg/Kg	1	☼	6010D	Total/NA
Iron	19800		12.9	10.9	mg/Kg	1	☼	6010D	Total/NA
Lead	244		1.3	0.59	mg/Kg	1	☼	6010D	Total/NA
Magnesium	12400		25.8	10.9	mg/Kg	1	☼	6010D	Total/NA
Manganese	252		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Nickel	22.9	^5-	6.4	0.32	mg/Kg	1	☼	6010D	Total/NA
Potassium	3840		38.7	31.2	mg/Kg	1	☼	6010D	Total/NA
Sodium	370		180	79.0	mg/Kg	1	☼	6010D	Total/NA
Vanadium	29.3		0.64	0.17	mg/Kg	1	☼	6010D	Total/NA
Zinc	329	^5-	12.9	6.6	mg/Kg	5	☼	6010D	Total/NA
Mercury	0.18		0.026	0.0060	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: TP-8
Lab Sample ID: 480-230533-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	46	J	210	33	ug/Kg	1	☼	8270D	Total/NA
Acenaphthene	43	J	210	39	ug/Kg	1	☼	8270D	Total/NA
Anthracene	110	J	210	39	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]anthracene	170	J	210	29	ug/Kg	1	☼	8270D	Total/NA
Benzo[a]pyrene	140	J	210	36	ug/Kg	1	☼	8270D	Total/NA
Benzo[b]fluoranthene	170	J	210	28	ug/Kg	1	☼	8270D	Total/NA
Benzo[g,h,i]perylene	78	J	210	37	ug/Kg	1	☼	8270D	Total/NA
Benzo[k]fluoranthene	75	J	210	48	ug/Kg	1	☼	8270D	Total/NA
Carbazole	63	J	210	42	ug/Kg	1	☼	8270D	Total/NA
Chrysene	170	J	210	51	ug/Kg	1	☼	8270D	Total/NA
Dibenzofuran	47	J	210	37	ug/Kg	1	☼	8270D	Total/NA
Fluoranthene	420		210	39	ug/Kg	1	☼	8270D	Total/NA
Fluorene	48	J	210	39	ug/Kg	1	☼	8270D	Total/NA
Indeno[1,2,3-cd]pyrene	66	J	210	32	ug/Kg	1	☼	8270D	Total/NA
Naphthalene	70	J	210	35	ug/Kg	1	☼	8270D	Total/NA
Phenanthrene	400		210	40	ug/Kg	1	☼	8270D	Total/NA
Pyrene	320		210	40	ug/Kg	1	☼	8270D	Total/NA
Aluminum	16000		12.9	11.1	mg/Kg	1	☼	6010D	Total/NA
Antimony	1.4	J	19.3	0.68	mg/Kg	1	☼	6010D	Total/NA
Arsenic	2.9		2.6	1.1	mg/Kg	1	☼	6010D	Total/NA
Barium	95.1		0.64	0.18	mg/Kg	1	☼	6010D	Total/NA
Beryllium	0.67	^5-	0.26	0.051	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.25	J	0.26	0.090	mg/Kg	1	☼	6010D	Total/NA
Calcium	24700		64.3	34.7	mg/Kg	1	☼	6010D	Total/NA
Chromium	21.3		0.64	0.46	mg/Kg	1	☼	6010D	Total/NA
Cobalt	8.5		0.64	0.13	mg/Kg	1	☼	6010D	Total/NA
Copper	21.4		1.3	0.73	mg/Kg	1	☼	6010D	Total/NA
Iron	18100		12.9	10.9	mg/Kg	1	☼	6010D	Total/NA
Lead	89.5		1.3	0.59	mg/Kg	1	☼	6010D	Total/NA
Magnesium	10700		25.7	10.9	mg/Kg	1	☼	6010D	Total/NA
Manganese	224		1.3	0.36	mg/Kg	1	☼	6010D	Total/NA
Nickel	21.6	^5-	6.4	0.32	mg/Kg	1	☼	6010D	Total/NA
Potassium	3480		38.6	31.1	mg/Kg	1	☼	6010D	Total/NA
Selenium	1.1	J	5.1	1.0	mg/Kg	1	☼	6010D	Total/NA
Sodium	321		180	78.8	mg/Kg	1	☼	6010D	Total/NA
Vanadium	27.4		0.64	0.17	mg/Kg	1	☼	6010D	Total/NA
Zinc	81.1	^5-	2.6	1.3	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.069		0.026	0.0059	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Client Sample ID: TP-1
Lab Sample ID: 480-230533-1
Date Collected: 06/20/25 08:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 78.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.2	0.45	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,1,2,2-Tetrachloroethane	ND	vs	6.2	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,1,2-Trichloroethane	ND	vs	6.2	0.80	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.2	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,1-Dichloroethane	ND	vs	6.2	0.76	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,1-Dichloroethene	ND	vs	6.2	0.76	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2,4-Trichlorobenzene	ND	vs	6.2	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.2	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2-Dichlorobenzene	ND	vs	6.2	0.48	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2-Dichloroethane	ND	vs	6.2	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2-Dichloropropane	ND	vs	6.2	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,3-Dichlorobenzene	ND	vs	6.2	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,4-Dichlorobenzene	ND	vs	6.2	0.87	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
2-Butanone (MEK)	ND	vs	31	2.3	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Acetone	ND	vs	31	5.2	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Benzene	ND	vs	6.2	0.30	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Bromodichloromethane	ND	vs	6.2	0.83	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Bromoform	ND	vs	6.2	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Bromomethane	ND	vs	6.2	0.56	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Carbon disulfide	ND	vs	6.2	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Carbon tetrachloride	ND	vs	6.2	0.60	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Chlorobenzene	ND	vs	6.2	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Dibromochloromethane	ND	vs	6.2	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Chloroethane	ND	vs	6.2	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Chloroform	ND	vs	6.2	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Chloromethane	ND	vs	6.2	0.37	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
cis-1,2-Dichloroethene	ND	vs	6.2	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
cis-1,3-Dichloropropene	ND	vs	6.2	0.89	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Cyclohexane	ND	*+ vs	6.2	0.87	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Dichlorodifluoromethane	ND	vs	6.2	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Ethylbenzene	ND	vs	6.2	0.43	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2-Dibromoethane	ND	vs	6.2	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Isopropylbenzene	ND	vs	6.2	0.93	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Methyl acetate	ND	vs	31	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Methyl tert-butyl ether	ND	vs	6.2	0.61	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Methylcyclohexane	ND	vs	6.2	0.94	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Methylene Chloride	ND	vs	6.2	2.8	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Styrene	ND	vs	6.2	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Tetrachloroethene	**1.7**	**J vs**	6.2	0.83	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Toluene	ND	vs	6.2	0.47	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
trans-1,2-Dichloroethene	ND	vs	6.2	0.64	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
trans-1,3-Dichloropropene	ND	vs	6.2	2.7	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Trichloroethene	ND	vs	6.2	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Trichlorofluoromethane	ND	vs	6.2	0.59	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Vinyl chloride	ND	vs	6.2	0.76	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1

Client: CHA Inc
Project/Site: Fayette & Almond Street

Job ID: 480-230533-1

Client Sample ID: TP-1
Date Collected: 06/20/25 08:00
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-1
Matrix: Solid
Percent Solids: 78.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*71 - 125*	*06/23/25 19:17*	*06/24/25 01:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*06/23/25 19:17*	*06/24/25 01:43*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*06/23/25 19:17*	*06/24/25 01:43*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*06/23/25 19:17*	*06/24/25 01:43*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
bis (2-chloroisopropyl) ether	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4,5-Trichlorophenol	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4,6-Trichlorophenol	ND		210	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4-Dichlorophenol	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4-Dimethylphenol	ND		210	44	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4-Dinitrophenol	ND		2000	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4-Dinitrotoluene	ND		210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,6-Dinitrotoluene	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Chloronaphthalene	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Chlorophenol	ND		210	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Methylphenol	ND		210	34	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Methylnaphthalene	ND		210	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Nitroaniline	ND		410	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Nitrophenol	ND		210	24	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
3,3'-Dichlorobenzidine	ND		410	61	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
3-Nitroaniline	ND		410	29	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4,6-Dinitro-2-methylphenol	ND		410	46	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Bromophenyl phenyl ether	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Chloro-3-methylphenol	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Chloroaniline	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Chlorophenyl phenyl ether	ND		210	44	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Methylphenol	ND		410	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Nitroaniline	ND		410	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Nitrophenol	ND		410	57	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Acenaphthene	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Acenaphthylene	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Acetophenone	ND		210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Anthracene	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Atrazine	ND		210	70	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzaldehyde	ND		210	160	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzo[a]anthracene	**69**	**J**	210	29	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzo[a]pyrene	**72**	**J**	210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzo[b]fluoranthene	**96**	**J**	210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzo[g,h,i]perylene	**57**	**J**	210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzo[k]fluoranthene	**53**	**J**	210	47	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Bis(2-chloroethoxy)methane	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Bis(2-chloroethyl)ether	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Bis(2-ethylhexyl) phthalate	ND		210	45	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Butyl benzyl phthalate	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Caprolactam	ND		210	48	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Carbazole	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Chrysene	**86**	**J**	210	50	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1

Client Sample ID: TP-1
Lab Sample ID: 480-230533-1

Date Collected: 06/20/25 08:00
Matrix: Solid

Date Received: 06/21/25 09:30
Percent Solids: 78.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Di-n-butyl phthalate	ND		210	47	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Di-n-octyl phthalate	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Dibenzofuran	ND		210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Diethyl phthalate	ND		210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Dimethyl phthalate	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Fluoranthene	**140**	**J**	210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Fluorene	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Hexachlorobenzene	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Hexachlorobutadiene	ND		210	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Hexachlorocyclopentadiene	ND		410	91	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Hexachloroethane	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Indeno[1,2,3-cd]pyrene	**49**	**J**	210	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Isophorone	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
N-Nitrosodi-n-propylamine	ND		210	47	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
N-Nitrosodiphenylamine	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Naphthalene	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Nitrobenzene	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Pentachlorophenol	ND		410	66	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Phenanthrene	**87**	**J**	210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Phenol	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Pyrene	**130**	**J**	210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*93*		*22 - 120*	*06/24/25 08:10*	*06/25/25 12:11*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*06/24/25 08:10*	*06/25/25 12:11*	*1*
p-Terphenyl-d14 (Surr)	*90*		*28 - 124*	*06/24/25 08:10*	*06/25/25 12:11*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 140*	*06/24/25 08:10*	*06/25/25 12:11*	*1*
2-Fluorobiphenyl (Surr)	*92*		*29 - 120*	*06/24/25 08:10*	*06/25/25 12:11*	*1*
2-Fluorophenol (Surr)	*83*		*18 - 120*	*06/24/25 08:10*	*06/25/25 12:11*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		51	26	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1221	ND		51	31	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1232	ND		51	22	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1242	ND		51	19	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1248	ND		51	17	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1254	ND		51	22	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1260	ND		51	22	ug/Kg		07/07/25 09:59	07/08/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*10 - 149*	*07/07/25 09:59*	*07/08/25 15:54*	*1*
DCB Decachlorobiphenyl	*69*		*10 - 174*	*07/07/25 09:59*	*07/08/25 15:54*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**22400**		13.3	11.5	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Antimony	**1.2**	**J**	19.9	0.70	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Arsenic	**5.5**		2.7	1.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1

Client Sample ID: TP-1

Lab Sample ID: 480-230533-1

Date Collected: 06/20/25 08:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 78.9

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	100		0.66	0.19	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Beryllium	1.1	^5-	0.27	0.053	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Cadmium	0.35		0.27	0.093	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Calcium	8510		66.5	35.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Chromium	30.2		0.66	0.48	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Cobalt	13.3		0.66	0.13	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Copper	22.2		1.3	0.76	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Iron	28300		13.3	11.3	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Lead	54.6		1.3	0.61	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Magnesium	6610		26.6	11.3	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Manganese	191		1.3	0.37	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Nickel	28.2	^5-	6.6	0.33	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Potassium	4950		39.9	32.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Selenium	ND		5.3	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Silver	ND	^5-	0.80	0.27	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Sodium	1390		186	81.5	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Thallium	ND		8.0	1.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Vanadium	40.7		0.66	0.17	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Zinc	108	^5-	2.7	1.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.024	0.0056	mg/Kg	☼	06/24/25 09:16	06/24/25 10:57	1

Client Sample ID: TP-2

Lab Sample ID: 480-230533-2

Date Collected: 06/20/25 08:45
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 93.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.2	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,1,2,2-Tetrachloroethane	ND	vs	5.2	0.84	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,1,2-Trichloroethane	ND	vs	5.2	0.68	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.2	1.2	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,1-Dichloroethane	ND	vs	5.2	0.63	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,1-Dichloroethene	ND	vs	5.2	0.64	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2,4-Trichlorobenzene	ND	vs	5.2	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.2	2.6	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2-Dichlorobenzene	ND	vs	5.2	0.41	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2-Dichloroethane	ND	vs	5.2	0.26	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2-Dichloropropane	ND	vs	5.2	2.6	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,3-Dichlorobenzene	ND	vs	5.2	0.27	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,4-Dichlorobenzene	ND	vs	5.2	0.73	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
2-Butanone (MEK)	ND	vs	26	1.9	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
2-Hexanone	ND	vs	26	2.6	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
4-Methyl-2-pentanone (MIBK)	ND	vs	26	1.7	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Acetone	ND	vs	26	4.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Benzene	ND	vs	5.2	0.25	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Bromodichloromethane	ND	vs	5.2	0.70	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Bromoform	ND	vs	5.2	2.6	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Client Sample ID: TP-2
Lab Sample ID: 480-230533-2
Date Collected: 06/20/25 08:45
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 93.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND	vs	5.2	0.47	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Carbon disulfide	ND	vs	5.2	2.6	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Carbon tetrachloride	ND	vs	5.2	0.50	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Chlorobenzene	ND	vs	5.2	0.69	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Dibromochloromethane	ND	vs	5.2	0.66	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Chloroethane	ND	vs	5.2	1.2	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Chloroform	ND	vs	5.2	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Chloromethane	ND	vs	5.2	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
cis-1,2-Dichloroethene	ND	vs	5.2	0.66	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
cis-1,3-Dichloropropene	ND	vs	5.2	0.75	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Cyclohexane	ND	*+ vs	5.2	0.73	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Dichlorodifluoromethane	ND	vs	5.2	0.43	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Ethylbenzene	ND	vs	5.2	0.36	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2-Dibromoethane	ND	vs	5.2	0.67	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Isopropylbenzene	ND	vs	5.2	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Methyl acetate	ND	vs	26	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Methyl tert-butyl ether	ND	vs	5.2	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Methylcyclohexane	ND	vs	5.2	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Methylene Chloride	ND	vs	5.2	2.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Styrene	ND	vs	5.2	0.26	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Tetrachloroethene	ND	vs	5.2	0.70	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Toluene	ND	vs	5.2	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
trans-1,2-Dichloroethene	ND	vs	5.2	0.54	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
trans-1,3-Dichloropropene	ND	vs	5.2	2.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Trichloroethene	**6.3**	**vs**	5.2	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Trichlorofluoromethane	ND	vs	5.2	0.49	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Vinyl chloride	ND	vs	5.2	0.63	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Xylenes, Total	ND	vs	10	0.87	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*71 - 125*	*06/23/25 19:17*	*06/24/25 02:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*06/23/25 19:17*	*06/24/25 02:07*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*06/23/25 19:17*	*06/24/25 02:07*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*06/23/25 19:17*	*06/24/25 02:07*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
bis (2-chloroisopropyl) ether	ND		180	36	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4,5-Trichlorophenol	ND		180	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4,6-Trichlorophenol	ND		180	26	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4-Dichlorophenol	ND		180	34	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4-Dimethylphenol	ND		180	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4-Dinitrophenol	ND		1700	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4-Dinitrotoluene	ND		180	24	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,6-Dinitrotoluene	ND		180	25	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2-Chloronaphthalene	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2-Chlorophenol	ND		180	27	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2-Methylphenol	ND		180	28	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2-Methylnaphthalene	ND		180	27	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1

Client: CHA Inc
Project/Site: Fayette & Almond Street

Job ID: 480-230533-1

Client Sample ID: TP-2
Date Collected: 06/20/25 08:45
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-2
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		340	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2-Nitrophenol	ND		180	20	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
3,3'-Dichlorobenzidine	ND		340	51	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
3-Nitroaniline	ND		340	25	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4,6-Dinitro-2-methylphenol	ND		340	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Bromophenyl phenyl ether	ND		180	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Chloro-3-methylphenol	ND		180	36	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Chloroaniline	ND		180	25	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Chlorophenyl phenyl ether	ND		180	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Methylphenol	ND		340	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Nitroaniline	ND		340	26	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Nitrophenol	ND		340	48	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Acenaphthene	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Acenaphthylene	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Acetophenone	ND		180	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Anthracene	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Atrazine	ND		180	59	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzaldehyde	ND		180	130	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzo[a]anthracene	ND		180	24	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzo[a]pyrene	ND		180	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzo[b]fluoranthene	ND		180	23	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzo[g,h,i]perylene	ND		180	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzo[k]fluoranthene	ND		180	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Bis(2-chloroethoxy)methane	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Bis(2-chloroethyl)ether	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Bis(2-ethylhexyl) phthalate	ND		180	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Butyl benzyl phthalate	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Caprolactam	ND		180	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Carbazole	ND		180	34	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Chrysene	ND		180	42	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Dibenz(a,h)anthracene	ND		180	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Di-n-butyl phthalate	ND		180	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Di-n-octyl phthalate	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Dibenzofuran	ND		180	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Diethyl phthalate	ND		180	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Dimethyl phthalate	ND		180	34	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Fluoranthene	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Fluorene	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Hexachlorobenzene	ND		180	34	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Hexachlorobutadiene	ND		180	26	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Hexachlorocyclopentadiene	ND		340	76	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Hexachloroethane	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Indeno[1,2,3-cd]pyrene	ND		180	26	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Isophorone	ND		180	36	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
N-Nitrosodi-n-propylamine	ND		180	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
N-Nitrosodiphenylamine	ND		180	29	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Naphthalene	ND		180	29	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Nitrobenzene	ND		180	29	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Pentachlorophenol	ND		340	55	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1

Client Sample ID: TP-2
Lab Sample ID: 480-230533-2

Date Collected: 06/20/25 08:45
Matrix: Solid

Date Received: 06/21/25 09:30
Percent Solids: 93.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Phenol	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Pyrene	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*90*		*22 - 120*	*06/24/25 08:10*	*06/25/25 12:39*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*06/24/25 08:10*	*06/25/25 12:39*	*1*
p-Terphenyl-d14 (Surr)	*95*		*28 - 124*	*06/24/25 08:10*	*06/25/25 12:39*	*1*
2,4,6-Tribromophenol (Surr)	*102*		*10 - 140*	*06/24/25 08:10*	*06/25/25 12:39*	*1*
2-Fluorobiphenyl (Surr)	*91*		*29 - 120*	*06/24/25 08:10*	*06/25/25 12:39*	*1*
2-Fluorophenol (Surr)	*82*		*18 - 120*	*06/24/25 08:10*	*06/25/25 12:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		52	26	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1221	ND		52	31	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1232	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1242	ND		52	20	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1248	ND		52	18	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1254	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1260	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*10 - 149*	*07/07/25 09:59*	*07/08/25 16:10*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 174*	*07/07/25 09:59*	*07/08/25 16:10*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8430**		10.4	8.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Antimony	ND		15.6	0.55	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Arsenic	**2.6**		2.1	0.91	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Barium	**64.3**		0.52	0.15	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Beryllium	**0.44**	**^5-**	0.21	0.041	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Cadmium	**0.11**	**J**	0.21	0.073	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Calcium	**118000**		259	140	mg/Kg	☼	06/23/25 14:47	06/24/25 15:53	5
Chromium	**12.3**		0.52	0.37	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Cobalt	**5.7**		0.52	0.10	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Copper	**19.4**		1.0	0.59	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Iron	**12100**		10.4	8.8	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Lead	**7.1**		1.0	0.48	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Magnesium	**34100**		20.7	8.8	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Manganese	**280**		1.0	0.29	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Nickel	**12.8**	**^5-**	5.2	0.26	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Potassium	**3050**		31.1	25.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Selenium	ND		4.1	0.83	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Silver	ND	^5-	0.62	0.21	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Sodium	**298**		145	63.6	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Thallium	ND		6.2	0.79	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Vanadium	**14.7**		0.52	0.13	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Zinc	**23.0**	**^5-**	2.1	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1

Client Sample ID: TP-2

Lab Sample ID: 480-230533-2
Date Collected: 06/20/25 08:45
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 93.6

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.055		0.022	0.0050	mg/Kg	☼	06/24/25 09:16	06/24/25 10:58	1

Client Sample ID: TP-3

Lab Sample ID: 480-230533-3
Date Collected: 06/20/25 09:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 79.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.1	0.45	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,1,2,2-Tetrachloroethane	ND	vs	6.1	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,1,2-Trichloroethane	ND	vs	6.1	0.80	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.1	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,1-Dichloroethane	ND	vs	6.1	0.75	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,1-Dichloroethene	ND	vs	6.1	0.75	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2,4-Trichlorobenzene	ND	vs	6.1	0.37	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.1	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2-Dichlorobenzene	ND	vs	6.1	0.48	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2-Dichloroethane	ND	vs	6.1	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2-Dichloropropane	ND	vs	6.1	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,3-Dichlorobenzene	ND	vs	6.1	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,4-Dichlorobenzene	ND	vs	6.1	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
2-Butanone (MEK)	ND	vs	31	2.2	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Acetone	5.6	J vs	31	5.2	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Benzene	ND	vs	6.1	0.30	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Bromodichloromethane	ND	vs	6.1	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Bromoform	ND	vs	6.1	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Bromomethane	ND	vs	6.1	0.55	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Carbon disulfide	ND	vs	6.1	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Carbon tetrachloride	ND	vs	6.1	0.59	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Chlorobenzene	ND	vs	6.1	0.81	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Dibromochloromethane	ND	vs	6.1	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Chloroethane	ND	vs	6.1	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Chloroform	ND	vs	6.1	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Chloromethane	ND	vs	6.1	0.37	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
cis-1,2-Dichloroethene	ND	vs	6.1	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
cis-1,3-Dichloropropene	ND	vs	6.1	0.88	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Cyclohexane	ND	*+ vs	6.1	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Dichlorodifluoromethane	ND	vs	6.1	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Ethylbenzene	ND	vs	6.1	0.42	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2-Dibromoethane	ND	vs	6.1	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Isopropylbenzene	ND	vs	6.1	0.93	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Methyl acetate	ND	vs	31	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Methyl tert-butyl ether	ND	vs	6.1	0.60	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Methylcyclohexane	ND	vs	6.1	0.93	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Methylene Chloride	ND	vs	6.1	2.8	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Styrene	ND	vs	6.1	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Tetrachloroethene	ND	vs	6.1	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Toluene	ND	vs	6.1	0.46	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1

Client Sample ID: TP-3

Date Collected: 06/20/25 09:25
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-3

Matrix: Solid
Percent Solids: 79.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND	vs	6.1	0.63	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
trans-1,3-Dichloropropene	ND	vs	6.1	2.7	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Trichloroethene	ND	vs	6.1	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Trichlorofluoromethane	ND	vs	6.1	0.58	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Vinyl chloride	ND	vs	6.1	0.75	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 125*	*06/23/25 19:17*	*06/24/25 02:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*64 - 126*	*06/23/25 19:17*	*06/24/25 02:30*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*06/23/25 19:17*	*06/24/25 02:30*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*06/23/25 19:17*	*06/24/25 02:30*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
bis (2-chloroisopropyl) ether	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4,5-Trichlorophenol	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4,6-Trichlorophenol	ND		210	31	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4-Dichlorophenol	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4-Dimethylphenol	ND		210	44	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4-Dinitrophenol	ND		2000	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4-Dinitrotoluene	ND		210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,6-Dinitrotoluene	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2-Chloronaphthalene	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2-Chlorophenol	ND		210	32	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2-Methylphenol	ND		210	34	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2-Methylnaphthalene	**51**	**J**	210	33	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2-Nitroaniline	ND		400	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2-Nitrophenol	ND		210	23	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
3,3'-Dichlorobenzidine	ND		400	61	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
3-Nitroaniline	ND		400	29	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4,6-Dinitro-2-methylphenol	ND		400	45	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Bromophenyl phenyl ether	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Chloro-3-methylphenol	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Chloroaniline	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Chlorophenyl phenyl ether	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Methylphenol	ND		400	37	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Nitroaniline	ND		400	30	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Nitrophenol	ND		400	56	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Acenaphthene	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Acenaphthylene	**60**	**J**	210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Acetophenone	ND		210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Anthracene	**85**	**J**	210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Atrazine	ND		210	70	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Benzaldehyde	ND		210	160	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Benzo[a]anthracene	**360**		210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Benzo[a]pyrene	**370**		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Benzo[b]fluoranthene	**480**		210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Benzo[g,h,i]perylene	**270**		210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1

Client Sample ID: TP-3
Lab Sample ID: 480-230533-3
Date Collected: 06/20/25 09:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 79.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	**280**		210	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Bis(2-chloroethoxy)methane	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Bis(2-chloroethyl)ether	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Bis(2-ethylhexyl) phthalate	ND		210	45	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Butyl benzyl phthalate	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Caprolactam	ND		210	48	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Carbazole	**51**	**J**	210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Chrysene	**390**		210	50	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Dibenz(a,h)anthracene	**72**	**J**	210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Di-n-butyl phthalate	ND		210	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Di-n-octyl phthalate	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Dibenzofuran	**47**	**J**	210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Diethyl phthalate	ND		210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Dimethyl phthalate	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Fluoranthene	**640**		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Fluorene	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Hexachlorobenzene	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Hexachlorobutadiene	ND		210	31	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Hexachlorocyclopentadiene	ND		400	90	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Hexachloroethane	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Indeno[1,2,3-cd]pyrene	**220**		210	31	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Isophorone	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
N-Nitrosodi-n-propylamine	ND		210	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
N-Nitrosodiphenylamine	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Naphthalene	**210**		210	34	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Nitrobenzene	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Pentachlorophenol	ND		400	66	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Phenanthrene	**310**		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Phenol	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Pyrene	**520**		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*95*		*22 - 120*	*06/24/25 08:10*	*06/25/25 13:07*	*1*
Phenol-d5 (Surr)	*88*		*23 - 120*	*06/24/25 08:10*	*06/25/25 13:07*	*1*
p-Terphenyl-d14 (Surr)	*96*		*28 - 124*	*06/24/25 08:10*	*06/25/25 13:07*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 140*	*06/24/25 08:10*	*06/25/25 13:07*	*1*
2-Fluorobiphenyl (Surr)	*93*		*29 - 120*	*06/24/25 08:10*	*06/25/25 13:07*	*1*
2-Fluorophenol (Surr)	*85*		*18 - 120*	*06/24/25 08:10*	*06/25/25 13:07*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		52	26	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1221	ND		52	31	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1232	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1242	ND		52	20	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1248	ND		52	18	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1254	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1260	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:25	1

Client Sample ID: TP-3
Lab Sample ID: 480-230533-3

Date Collected: 06/20/25 09:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 79.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*31*	*p*	*10 - 149*	*07/07/25 09:59*	*07/08/25 16:25*	*1*
DCB Decachlorobiphenyl	*45*	*p*	*10 - 174*	*07/07/25 09:59*	*07/08/25 16:25*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15400		12.6	10.8	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Antimony	1.4	J	18.9	0.67	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Arsenic	5.4		2.5	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Barium	121		0.63	0.18	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Beryllium	0.72	^5-	0.25	0.050	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Cadmium	0.28		0.25	0.088	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Calcium	20100		62.9	34.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Chromium	21.7		0.63	0.45	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Cobalt	9.1		0.63	0.13	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Copper	32.6		1.3	0.72	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Iron	20100		12.6	10.7	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Lead	197		1.3	0.58	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Magnesium	9850		25.2	10.7	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Manganese	279		1.3	0.35	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Nickel	21.1	^5-	6.3	0.31	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Potassium	3440		37.8	30.5	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Selenium	ND		5.0	1.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Silver	0.68	J ^5-	0.76	0.25	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Sodium	1270		176	77.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Thallium	ND		7.6	0.96	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Vanadium	28.7		0.63	0.16	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Zinc	116	^5-	2.5	1.3	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	1.1		0.025	0.0057	mg/Kg	☼	06/24/25 09:16	06/24/25 10:59	1

Client Sample ID: TP-4
Lab Sample ID: 480-230533-4

Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 75.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.5	0.47	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,1,2,2-Tetrachloroethane	ND	vs	6.5	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,1,2-Trichloroethane	ND	vs	6.5	0.85	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.5	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,1-Dichloroethane	ND	vs	6.5	0.80	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,1-Dichloroethene	ND	vs	6.5	0.80	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,2,4-Trichlorobenzene	ND	vs	6.5	0.40	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.5	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,2-Dichlorobenzene	ND	vs	6.5	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,2-Dichloroethane	ND	vs	6.5	0.33	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,2-Dichloropropane	ND	vs	6.5	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,3-Dichlorobenzene	ND	vs	6.5	0.34	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,4-Dichlorobenzene	ND	vs	6.5	0.91	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Client Sample ID: TP-4
Lab Sample ID: 480-230533-4
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 75.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone (MEK)	**12**	**J vs**	33	2.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
2-Hexanone	ND	vs	33	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
4-Methyl-2-pentanone (MIBK)	ND	vs	33	2.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Acetone	**72**	**vs**	33	5.5	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Benzene	ND	vs	6.5	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Bromodichloromethane	ND	vs	6.5	0.87	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Bromoform	ND	vs	6.5	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Bromomethane	ND	vs	6.5	0.59	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Carbon disulfide	ND	vs	6.5	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Carbon tetrachloride	ND	vs	6.5	0.63	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Chlorobenzene	ND	vs	6.5	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Dibromochloromethane	ND	vs	6.5	0.84	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Chloroethane	ND	vs	6.5	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Chloroform	ND	vs	6.5	0.40	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Chloromethane	ND	vs	6.5	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
cis-1,2-Dichloroethene	ND	vs	6.5	0.84	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
cis-1,3-Dichloropropene	ND	vs	6.5	0.94	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Cyclohexane	ND	*+ vs	6.5	0.91	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Dichlorodifluoromethane	ND	vs	6.5	0.54	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Ethylbenzene	ND	vs	6.5	0.45	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,2-Dibromoethane	ND	vs	6.5	0.84	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Isopropylbenzene	ND	vs	6.5	0.98	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Methyl acetate	ND	vs	33	3.9	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Methyl tert-butyl ether	ND	vs	6.5	0.64	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Methylcyclohexane	ND	vs	6.5	0.99	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Methylene Chloride	ND	vs	6.5	3.0	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Styrene	ND	vs	6.5	0.33	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Tetrachloroethene	ND	vs	6.5	0.88	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Toluene	ND	vs	6.5	0.49	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
trans-1,2-Dichloroethene	ND	vs	6.5	0.67	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
trans-1,3-Dichloropropene	ND	vs	6.5	2.9	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Trichloroethene	ND	vs	6.5	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Trichlorofluoromethane	ND	vs	6.5	0.62	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Vinyl chloride	ND	vs	6.5	0.80	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*71 - 125*	*06/23/25 19:17*	*06/24/25 02:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*06/23/25 19:17*	*06/24/25 02:54*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*06/23/25 19:17*	*06/24/25 02:54*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*06/23/25 19:17*	*06/24/25 02:54*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		220	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
bis (2-chloroisopropyl) ether	ND		220	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,4,5-Trichlorophenol	ND		220	45	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,4,6-Trichlorophenol	ND		220	34	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,4-Dichlorophenol	ND		220	44	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,4-Dimethylphenol	ND		220	47	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1

Client: CHA Inc
Project/Site: Fayette & Almond Street

Job ID: 480-230533-1

Client Sample ID: TP-4
Date Collected: 06/20/25 10:00
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-4
Matrix: Solid
Percent Solids: 75.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dinitrophenol	ND		2200	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,4-Dinitrotoluene	ND		220	30	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,6-Dinitrotoluene	ND		220	32	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Chloronaphthalene	ND		220	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Chlorophenol	ND		220	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Methylphenol	ND		220	36	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Methylnaphthalene	ND		220	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Nitroaniline	ND		440	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Nitrophenol	ND		220	25	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
3,3'-Dichlorobenzidine	ND		440	65	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
3-Nitroaniline	ND		440	32	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4,6-Dinitro-2-methylphenol	ND		440	49	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Bromophenyl phenyl ether	ND		220	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Chloro-3-methylphenol	ND		220	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Chloroaniline	ND		220	32	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Chlorophenyl phenyl ether	ND		220	47	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Methylphenol	**100**	**J**	440	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Nitroaniline	ND		440	33	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Nitrophenol	ND		440	61	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Acenaphthene	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Acenaphthylene	ND		220	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Acetophenone	**42**	**J**	220	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Anthracene	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Atrazine	ND		220	76	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzaldehyde	**250**		220	170	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzo[a]anthracene	**85**	**J**	220	31	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzo[a]pyrene	**89**	**J**	220	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzo[b]fluoranthene	**160**	**J**	220	30	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzo[g,h,i]perylene	**110**	**J**	220	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzo[k]fluoranthene	**93**	**J**	220	50	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Bis(2-chloroethoxy)methane	ND		220	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Bis(2-chloroethyl)ether	ND		220	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Bis(2-ethylhexyl) phthalate	ND		220	49	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Butyl benzyl phthalate	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Caprolactam	ND		220	52	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Carbazole	ND		220	44	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Chrysene	**140**	**J**	220	54	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Dibenz(a,h)anthracene	ND		220	45	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Di-n-butyl phthalate	ND		220	50	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Di-n-octyl phthalate	ND		220	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Dibenzofuran	ND		220	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Diethyl phthalate	ND		220	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Dimethyl phthalate	ND		220	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Fluoranthene	**190**	**J**	220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Fluorene	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Hexachlorobenzene	ND		220	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Hexachlorobutadiene	ND		220	33	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Hexachlorocyclopentadiene	ND		440	98	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Hexachloroethane	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1

Client Sample ID: TP-4
Lab Sample ID: 480-230533-4
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 75.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene	**88**	**J**	220	33	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Isophorone	ND		220	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
N-Nitrosodi-n-propylamine	ND		220	50	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
N-Nitrosodiphenylamine	ND		220	37	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Naphthalene	**74**	**J**	220	37	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Nitrobenzene	ND		220	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Pentachlorophenol	ND		440	71	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Phenanthrene	**150**	**J**	220	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Phenol	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Pyrene	**130**	**J**	220	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*84*		*22 - 120*	*06/24/25 08:10*	*06/25/25 13:35*	*1*
Phenol-d5 (Surr)	*90*		*23 - 120*	*06/24/25 08:10*	*06/25/25 13:35*	*1*
p-Terphenyl-d14 (Surr)	*96*		*28 - 124*	*06/24/25 08:10*	*06/25/25 13:35*	*1*
2,4,6-Tribromophenol (Surr)	*104*		*10 - 140*	*06/24/25 08:10*	*06/25/25 13:35*	*1*
2-Fluorobiphenyl (Surr)	*93*		*29 - 120*	*06/24/25 08:10*	*06/25/25 13:35*	*1*
2-Fluorophenol (Surr)	*85*		*18 - 120*	*06/24/25 08:10*	*06/25/25 13:35*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		07/07/25 09:59	07/08/25 16:41	1
Aroclor-1221	ND		50	30	ug/Kg		07/07/25 09:59	07/08/25 16:41	1
Aroclor-1232	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 16:41	1
Aroclor-1242	ND		50	19	ug/Kg		07/07/25 09:59	07/08/25 16:41	1
Aroclor-1248	ND		50	17	ug/Kg		07/07/25 09:59	07/08/25 16:41	1
Aroclor-1254	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 16:41	1
Aroclor-1260	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*61*		*10 - 149*	*07/07/25 09:59*	*07/08/25 16:41*	*1*
DCB Decachlorobiphenyl	*77*		*10 - 174*	*07/07/25 09:59*	*07/08/25 16:41*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**13200**		13.7	11.8	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Antimony	**1.0**	**J**	20.5	0.73	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Arsenic	**13.8**		2.7	1.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Barium	**237**		0.68	0.19	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Beryllium	**0.69**	**^5-**	0.27	0.055	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Cadmium	**0.44**		0.27	0.096	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Calcium	**15000**		68.4	36.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Chromium	**26.1**		0.68	0.49	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Cobalt	**8.9**		0.68	0.14	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Copper	**45.4**		1.4	0.78	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Iron	**17600**		13.7	11.6	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Lead	**480**		1.4	0.63	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Magnesium	**6110**		27.4	11.6	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Manganese	**214**		1.4	0.38	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Nickel	**22.8**	**^5-**	6.8	0.34	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1

Client Sample ID: TP-4

Lab Sample ID: 480-230533-4
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 75.3

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**2670**		41.0	33.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Selenium	**1.7**	**J**	5.5	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Silver	**17.0**	**^5-**	0.82	0.27	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Sodium	**2060**		192	83.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Thallium	ND		8.2	1.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Vanadium	**25.0**		0.68	0.18	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Zinc	**233**	**^5-**	2.7	1.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**3.3**		0.14	0.032	mg/Kg	☼	06/24/25 09:16	06/24/25 12:51	5

Client Sample ID: TP-5

Lab Sample ID: 480-230533-5
Date Collected: 06/20/25 10:45
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 73.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.8	0.49	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,1,2,2-Tetrachloroethane	ND	vs	6.8	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,1,2-Trichloroethane	ND	vs	6.8	0.88	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.8	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,1-Dichloroethane	ND	vs	6.8	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,1-Dichloroethene	ND	vs	6.8	0.83	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2,4-Trichlorobenzene	ND	vs	6.8	0.41	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.8	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2-Dichlorobenzene	ND	vs	6.8	0.53	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2-Dichloroethane	ND	vs	6.8	0.34	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2-Dichloropropane	ND	vs	6.8	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,3-Dichlorobenzene	ND	vs	6.8	0.35	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,4-Dichlorobenzene	ND	vs	6.8	0.95	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
2-Butanone (MEK)	**8.4**	**J vs**	34	2.5	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
2-Hexanone	ND	vs	34	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
4-Methyl-2-pentanone (MIBK)	ND	vs	34	2.2	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Acetone	**38**	**vs**	34	5.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Benzene	ND	vs	6.8	0.33	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Bromodichloromethane	ND	vs	6.8	0.91	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Bromoform	ND	vs	6.8	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Bromomethane	ND	vs	6.8	0.61	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Carbon disulfide	ND	vs	6.8	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Carbon tetrachloride	ND	vs	6.8	0.65	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Chlorobenzene	ND	vs	6.8	0.89	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Dibromochloromethane	ND	vs	6.8	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Chloroethane	ND	vs	6.8	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Chloroform	ND	vs	6.8	0.42	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Chloromethane	ND	vs	6.8	0.41	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
cis-1,2-Dichloroethene	ND	vs	6.8	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
cis-1,3-Dichloropropene	ND	vs	6.8	0.97	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Cyclohexane	ND	*+ vs	6.8	0.95	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Dichlorodifluoromethane	ND	vs	6.8	0.56	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1

Client Sample ID: TP-5
Lab Sample ID: 480-230533-5
Date Collected: 06/20/25 10:45
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 73.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND	vs	6.8	0.47	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2-Dibromoethane	ND	vs	6.8	0.87	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Isopropylbenzene	ND	vs	6.8	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Methyl acetate	ND	vs	34	4.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Methyl tert-butyl ether	ND	vs	6.8	0.66	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Methylcyclohexane	ND	vs	6.8	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Methylene Chloride	ND	vs	6.8	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Styrene	ND	vs	6.8	0.34	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Tetrachloroethene	ND	vs	6.8	0.91	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Toluene	ND	vs	6.8	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
trans-1,2-Dichloroethene	ND	vs	6.8	0.70	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
trans-1,3-Dichloropropene	ND	vs	6.8	3.0	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Trichloroethene	ND	vs	6.8	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Trichlorofluoromethane	ND	vs	6.8	0.64	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Vinyl chloride	ND	vs	6.8	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Xylenes, Total	ND	vs	14	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 125*	*06/23/25 19:17*	*06/24/25 03:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*06/23/25 19:17*	*06/24/25 03:17*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*06/23/25 19:17*	*06/24/25 03:17*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*06/23/25 19:17*	*06/24/25 03:17*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
bis (2-chloroisopropyl) ether	ND		230	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4,5-Trichlorophenol	ND		230	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4,6-Trichlorophenol	ND		230	35	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4-Dichlorophenol	ND		230	45	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4-Dimethylphenol	ND		230	49	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4-Dinitrophenol	ND		2300	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4-Dinitrotoluene	ND		230	31	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,6-Dinitrotoluene	ND		230	33	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Chloronaphthalene	ND		230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Chlorophenol	ND		230	36	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Methylphenol	ND		230	37	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Methylnaphthalene	**67**	**J**	230	36	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Nitroaniline	ND		450	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Nitrophenol	ND		230	26	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
3,3'-Dichlorobenzidine	ND		450	68	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
3-Nitroaniline	ND		450	33	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4,6-Dinitro-2-methylphenol	ND		450	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Bromophenyl phenyl ether	ND		230	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Chloro-3-methylphenol	ND		230	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Chloroaniline	ND		230	33	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Chlorophenyl phenyl ether	ND		230	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Methylphenol	ND		450	41	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Nitroaniline	ND		450	34	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Nitrophenol	ND		450	63	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1

Client: CHA Inc
Project/Site: Fayette & Almond Street

Job ID: 480-230533-1

Client Sample ID: TP-5
Date Collected: 06/20/25 10:45
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-5
Matrix: Solid
Percent Solids: 73.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	**98**	**J**	230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Acenaphthylene	ND		230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Acetophenone	ND		230	41	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Anthracene	**130**	**J**	230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Atrazine	ND		230	78	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzaldehyde	**180**	**J**	230	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzo[a]anthracene	**130**	**J**	230	32	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzo[a]pyrene	**120**	**J**	230	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzo[b]fluoranthene	**170**	**J**	230	31	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzo[g,h,i]perylene	**110**	**J**	230	40	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzo[k]fluoranthene	**100**	**J**	230	52	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Bis(2-chloroethoxy)methane	ND		230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Bis(2-chloroethyl)ether	ND		230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Bis(2-ethylhexyl) phthalate	**63**	**J**	230	50	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Butyl benzyl phthalate	ND		230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Caprolactam	ND		230	53	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Carbazole	ND		230	45	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Chrysene	**150**	**J**	230	56	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Dibenz(a,h)anthracene	ND		230	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Di-n-butyl phthalate	ND		230	52	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Di-n-octyl phthalate	ND		230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Dibenzofuran	**110**	**J**	230	41	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Diethyl phthalate	ND		230	41	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Dimethyl phthalate	ND		230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Fluoranthene	**420**		230	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Fluorene	**110**	**J**	230	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Hexachlorobenzene	ND		230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Hexachlorobutadiene	ND		230	35	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Hexachlorocyclopentadiene	ND		450	100	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Hexachloroethane	ND		230	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Indeno[1,2,3-cd]pyrene	**83**	**J**	230	34	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Isophorone	ND		230	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
N-Nitrosodi-n-propylamine	ND		230	52	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
N-Nitrosodiphenylamine	ND		230	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Naphthalene	**110**	**J**	230	38	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Nitrobenzene	ND		230	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Pentachlorophenol	ND		450	74	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Phenanthrene	**560**		230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Phenol	ND		230	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Pyrene	**330**		230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*74*		*22 - 120*	*06/24/25 08:10*	*06/25/25 14:03*	*1*
Phenol-d5 (Surr)	*79*		*23 - 120*	*06/24/25 08:10*	*06/25/25 14:03*	*1*
p-Terphenyl-d14 (Surr)	*69*		*28 - 124*	*06/24/25 08:10*	*06/25/25 14:03*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 140*	*06/24/25 08:10*	*06/25/25 14:03*	*1*
2-Fluorobiphenyl (Surr)	*79*		*29 - 120*	*06/24/25 08:10*	*06/25/25 14:03*	*1*
2-Fluorophenol (Surr)	*77*		*18 - 120*	*06/24/25 08:10*	*06/25/25 14:03*	*1*

Client Sample ID: TP-5

Lab Sample ID: 480-230533-5

Date Collected: 06/20/25 10:45
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 73.0

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		49	24	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1221	ND		49	29	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1232	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1242	ND		49	19	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1248	ND		49	17	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1254	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1260	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*07/07/25 09:59*	*07/08/25 16:57*	*1*
DCB Decachlorobiphenyl	*91*		*10 - 174*	*07/07/25 09:59*	*07/08/25 16:57*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14000**		14.1	12.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Antimony	**0.80**	**J**	21.2	0.75	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Arsenic	**6.7**		2.8	1.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Barium	**186**		0.71	0.20	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Beryllium	**0.64**	**^5-**	0.28	0.056	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Cadmium	**0.86**		0.28	0.099	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Calcium	**39300**		70.5	38.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Chromium	**21.9**		0.71	0.51	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Cobalt	**8.2**		0.71	0.14	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Copper	**48.0**		1.4	0.80	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Iron	**17400**		14.1	12.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Lead	**439**		1.4	0.65	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Magnesium	**20700**		28.2	12.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Manganese	**274**		1.4	0.39	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Nickel	**18.4**	**^5-**	7.1	0.35	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Potassium	**3230**		42.3	34.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Selenium	**1.8**	**J**	5.6	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Silver	**0.45**	**J ^5-**	0.85	0.28	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Sodium	**713**		197	86.5	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Thallium	ND		8.5	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Vanadium	**26.7**		0.71	0.18	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Zinc	**385**	**^5-**	14.1	7.2	mg/Kg	☼	06/23/25 14:47	06/24/25 15:55	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.9**		0.026	0.0061	mg/Kg	☼	06/24/25 09:16	06/24/25 11:02	1

Client Sample ID: TP-6

Lab Sample ID: 480-230533-6

Date Collected: 06/20/25 11:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 67.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	7.4	0.54	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,1,2,2-Tetrachloroethane	ND	vs	7.4	1.2	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,1,2-Trichloroethane	ND	vs	7.4	0.96	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	7.4	1.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1

Client: CHA Inc
Project/Site: Fayette & Almond Street

Job ID: 480-230533-1

Client Sample ID: TP-6
Date Collected: 06/20/25 11:25
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-6
Matrix: Solid
Percent Solids: 67.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	ND	vs	7.4	0.90	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,1-Dichloroethene	ND	vs	7.4	0.90	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2,4-Trichlorobenzene	ND	vs	7.4	0.45	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2-Dibromo-3-Chloropropane	ND	vs	7.4	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2-Dichlorobenzene	ND	vs	7.4	0.58	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2-Dichloroethane	ND	vs	7.4	0.37	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2-Dichloropropane	ND	vs	7.4	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,3-Dichlorobenzene	ND	vs	7.4	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,4-Dichlorobenzene	ND	vs	7.4	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
2-Butanone (MEK)	**14**	**J vs**	37	2.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
2-Hexanone	ND	vs	37	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
4-Methyl-2-pentanone (MIBK)	ND	vs	37	2.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Acetone	**41**	**vs**	37	6.2	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Benzene	ND	vs	7.4	0.36	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Bromodichloromethane	ND	vs	7.4	0.99	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Bromoform	ND	vs	7.4	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Bromomethane	ND	vs	7.4	0.67	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Carbon disulfide	ND	vs	7.4	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Carbon tetrachloride	ND	vs	7.4	0.72	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Chlorobenzene	ND	vs	7.4	0.98	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Dibromochloromethane	ND	vs	7.4	0.95	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Chloroethane	ND	vs	7.4	1.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Chloroform	ND	vs	7.4	0.46	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Chloromethane	ND	vs	7.4	0.45	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
cis-1,2-Dichloroethene	ND	vs	7.4	0.95	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
cis-1,3-Dichloropropene	ND	vs	7.4	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Cyclohexane	ND	*+ vs	7.4	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Dichlorodifluoromethane	ND	vs	7.4	0.61	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Ethylbenzene	ND	vs	7.4	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2-Dibromoethane	ND	vs	7.4	0.95	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Isopropylbenzene	ND	vs	7.4	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Methyl acetate	ND	vs	37	4.5	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Methyl tert-butyl ether	ND	vs	7.4	0.73	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Methylcyclohexane	ND	vs	7.4	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Methylene Chloride	ND	vs	7.4	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Styrene	ND	vs	7.4	0.37	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Tetrachloroethene	ND	vs	7.4	0.99	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Toluene	ND	vs	7.4	0.56	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
trans-1,2-Dichloroethene	ND	vs	7.4	0.76	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
trans-1,3-Dichloropropene	ND	vs	7.4	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Trichloroethene	ND	vs	7.4	1.6	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Trichlorofluoromethane	ND	vs	7.4	0.70	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Vinyl chloride	ND	vs	7.4	0.90	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Xylenes, Total	ND	vs	15	1.2	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*71 - 125*	*06/23/25 19:17*	*06/24/25 03:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*06/23/25 19:17*	*06/24/25 03:41*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*06/23/25 19:17*	*06/24/25 03:41*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*06/23/25 19:17*	*06/24/25 03:41*	*1*

Client: CHA Inc
Project/Site: Fayette & Almond Street

Job ID: 480-230533-1

Client Sample ID: TP-6
Date Collected: 06/20/25 11:25
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-6
Matrix: Solid
Percent Solids: 67.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		250	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
bis (2-chloroisopropyl) ether	ND		250	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4,5-Trichlorophenol	ND		250	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4,6-Trichlorophenol	ND		250	38	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4-Dichlorophenol	ND		250	49	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4-Dimethylphenol	ND		250	53	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4-Dinitrophenol	ND		2500	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4-Dinitrotoluene	ND		250	34	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,6-Dinitrotoluene	ND		250	36	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2-Chloronaphthalene	ND		250	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2-Chlorophenol	ND		250	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2-Methylphenol	ND		250	41	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2-Methylnaphthalene	ND		250	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2-Nitroaniline	ND		490	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2-Nitrophenol	ND		250	28	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
3,3'-Dichlorobenzidine	ND		490	73	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
3-Nitroaniline	ND		490	35	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4,6-Dinitro-2-methylphenol	ND		490	55	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Bromophenyl phenyl ether	ND		250	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Chloro-3-methylphenol	ND		250	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Chloroaniline	ND		250	36	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Chlorophenyl phenyl ether	ND		250	53	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Methylphenol	**66**	**J**	490	45	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Nitroaniline	ND		490	37	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Nitrophenol	ND		490	68	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Acenaphthene	ND		250	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Acenaphthylene	ND		250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Acetophenone	ND		250	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Anthracene	ND		250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Atrazine	ND		250	85	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzaldehyde	**270**		250	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzo[a]anthracene	**62**	**J**	250	35	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzo[a]pyrene	**59**	**J**	250	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzo[b]fluoranthene	**97**	**J**	250	34	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzo[g,h,i]perylene	**52**	**J**	250	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzo[k]fluoranthene	ND		250	56	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Bis(2-chloroethoxy)methane	ND		250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Bis(2-chloroethyl)ether	ND		250	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Bis(2-ethylhexyl) phthalate	ND		250	55	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Butyl benzyl phthalate	ND		250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Caprolactam	ND		250	58	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Carbazole	ND		250	49	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Chrysene	**67**	**J**	250	60	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Dibenz(a,h)anthracene	ND		250	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Di-n-butyl phthalate	**58**	**J**	250	56	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Di-n-octyl phthalate	ND		250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Dibenzofuran	ND		250	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Diethyl phthalate	ND		250	45	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Dimethyl phthalate	ND		250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Client Sample ID: TP-6
Lab Sample ID: 480-230533-6
Date Collected: 06/20/25 11:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 67.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**110**	**J**	250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Fluorene	ND		250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Hexachlorobenzene	ND		250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Hexachlorobutadiene	ND		250	37	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Hexachlorocyclopentadiene	ND		490	110	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Hexachloroethane	ND		250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Indeno[1,2,3-cd]pyrene	**40**	**J**	250	37	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Isophorone	ND		250	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
N-Nitrosodi-n-propylamine	ND		250	56	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
N-Nitrosodiphenylamine	ND		250	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Naphthalene	ND		250	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Nitrobenzene	ND		250	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Pentachlorophenol	ND		490	80	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Phenanthrene	ND		250	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Phenol	ND		250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Pyrene	**85**	**J**	250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*75*		*22 - 120*	*06/24/25 08:10*	*06/25/25 14:31*	*1*
Phenol-d5 (Surr)	*88*		*23 - 120*	*06/24/25 08:10*	*06/25/25 14:31*	*1*
p-Terphenyl-d14 (Surr)	*83*		*28 - 124*	*06/24/25 08:10*	*06/25/25 14:31*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 140*	*06/24/25 08:10*	*06/25/25 14:31*	*1*
2-Fluorobiphenyl (Surr)	*86*		*29 - 120*	*06/24/25 08:10*	*06/25/25 14:31*	*1*
2-Fluorophenol (Surr)	*82*		*18 - 120*	*06/24/25 08:10*	*06/25/25 14:31*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1221	ND		50	30	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1232	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1242	ND		50	19	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1248	ND		50	17	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1254	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1260	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*10 - 149*	*07/07/25 09:59*	*07/08/25 17:13*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 174*	*07/07/25 09:59*	*07/08/25 17:13*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**19300**		15.8	13.7	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Antimony	ND		23.8	0.84	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Arsenic	**2.5**	**J**	3.2	1.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Barium	**150**		0.79	0.22	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Beryllium	**0.74**	**^5-**	0.32	0.063	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Cadmium	**0.47**		0.32	0.11	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Calcium	**21800**		79.2	42.7	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Chromium	**21.8**		0.79	0.57	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Cobalt	**7.0**		0.79	0.16	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1

Client Sample ID: TP-6

Lab Sample ID: 480-230533-6
Date Collected: 06/20/25 11:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 67.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	36.1		1.6	0.90	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Iron	13400		15.8	13.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Lead	396		1.6	0.73	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Magnesium	4780		31.7	13.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Manganese	233		1.6	0.44	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Nickel	24.7	^5-	7.9	0.40	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Potassium	3250		47.5	38.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Selenium	ND		6.3	1.3	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Silver	0.39	J ^5-	0.95	0.32	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Sodium	151	J	222	97.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Thallium	ND		9.5	1.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Vanadium	24.5		0.79	0.21	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Zinc	92.3	^5-	3.2	1.6	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.91		0.031	0.0071	mg/Kg	☼	06/24/25 09:16	06/24/25 11:03	1

Client Sample ID: TP-7

Lab Sample ID: 480-230533-7
Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 76.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.4	0.46	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,1,2,2-Tetrachloroethane	ND	vs	6.4	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,1,2-Trichloroethane	ND	vs	6.4	0.83	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.4	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,1-Dichloroethane	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,1-Dichloroethene	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,2,4-Trichlorobenzene	ND	vs	6.4	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,2-Dichlorobenzene	ND	vs	6.4	0.50	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,2-Dichloroethane	ND	vs	6.4	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,2-Dichloropropane	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,3-Dichlorobenzene	ND	vs	6.4	0.33	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,4-Dichlorobenzene	ND	vs	6.4	0.89	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
2-Butanone (MEK)	ND	vs	32	2.3	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
2-Hexanone	ND	vs	32	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
4-Methyl-2-pentanone (MIBK)	ND	vs	32	2.1	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Acetone	ND	vs	32	5.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Benzene	ND	vs	6.4	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Bromodichloromethane	ND	vs	6.4	0.85	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Bromoform	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Bromomethane	ND	vs	6.4	0.57	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Carbon disulfide	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Carbon tetrachloride	ND	vs	6.4	0.62	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Chlorobenzene	ND	vs	6.4	0.84	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Dibromochloromethane	ND	vs	6.4	0.81	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Chloroethane	ND	vs	6.4	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1

Client Sample ID: TP-7
Lab Sample ID: 480-230533-7
Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 76.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND	vs	6.4	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Chloromethane	ND	vs	6.4	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
cis-1,2-Dichloroethene	ND	vs	6.4	0.81	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
cis-1,3-Dichloropropene	ND	vs	6.4	0.92	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Cyclohexane	ND	*+ vs	6.4	0.89	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Dichlorodifluoromethane	ND	vs	6.4	0.53	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Ethylbenzene	ND	vs	6.4	0.44	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,2-Dibromoethane	ND	vs	6.4	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Isopropylbenzene	ND	vs	6.4	0.96	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Methyl acetate	ND	vs	32	3.8	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Methyl tert-butyl ether	ND	vs	6.4	0.62	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Methylcyclohexane	ND	vs	6.4	0.97	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Methylene Chloride	ND	vs	6.4	2.9	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Styrene	ND	vs	6.4	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Tetrachloroethene	ND	vs	6.4	0.85	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Toluene	ND	vs	6.4	0.48	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
trans-1,2-Dichloroethene	ND	vs	6.4	0.66	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
trans-1,3-Dichloropropene	ND	vs	6.4	2.8	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Trichloroethene	ND	vs	6.4	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Trichlorofluoromethane	ND	vs	6.4	0.60	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Vinyl chloride	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 125*	*06/23/25 19:17*	*06/24/25 04:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*06/23/25 19:17*	*06/24/25 04:04*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*06/23/25 19:17*	*06/24/25 04:04*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*06/23/25 19:17*	*06/24/25 04:04*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
bis (2-chloroisopropyl) ether	ND		1100	220	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4,5-Trichlorophenol	ND		1100	220	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4,6-Trichlorophenol	ND		1100	170	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4-Dichlorophenol	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4-Dimethylphenol	ND		1100	230	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4-Dinitrophenol	ND		11000	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4-Dinitrotoluene	ND		1100	150	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,6-Dinitrotoluene	ND		1100	160	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Chloronaphthalene	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Chlorophenol	ND		1100	170	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Methylphenol	ND		1100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Methylnaphthalene	ND		1100	170	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Nitroaniline	ND		2100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Nitrophenol	ND		1100	120	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
3,3'-Dichlorobenzidine	ND		2100	320	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
3-Nitroaniline	ND		2100	150	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4,6-Dinitro-2-methylphenol	ND		2100	240	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Bromophenyl phenyl ether	ND		1100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5

Client: CHA Inc
Project/Site: Fayette & Almond Street

Job ID: 480-230533-1

Client Sample ID: TP-7
Date Collected: 06/20/25 12:40
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-7
Matrix: Solid
Percent Solids: 76.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chloro-3-methylphenol	ND		1100	220	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Chloroaniline	ND		1100	160	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Chlorophenyl phenyl ether	ND		1100	230	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Methylphenol	ND		2100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Nitroaniline	ND		2100	160	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Nitrophenol	ND		2100	300	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Acenaphthene	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Acenaphthylene	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Acetophenone	ND		1100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Anthracene	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Atrazine	ND		1100	370	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzaldehyde	ND		1100	830	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzo[a]anthracene	**250**	**J**	1100	150	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzo[a]pyrene	**250**	**J**	1100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzo[b]fluoranthene	**320**	**J**	1100	150	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzo[g,h,i]perylene	**220**	**J**	1100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzo[k]fluoranthene	ND		1100	240	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Bis(2-chloroethoxy)methane	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Bis(2-chloroethyl)ether	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Bis(2-ethylhexyl) phthalate	**250**	**J**	1100	240	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Butyl benzyl phthalate	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Caprolactam	ND		1100	250	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Carbazole	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Chrysene	ND		1100	260	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Dibenz(a,h)anthracene	ND		1100	220	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Di-n-butyl phthalate	ND		1100	240	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Di-n-octyl phthalate	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Dibenzofuran	ND		1100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Diethyl phthalate	ND		1100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Dimethyl phthalate	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Fluoranthene	**500**	**J**	1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Fluorene	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Hexachlorobenzene	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Hexachlorobutadiene	ND		1100	160	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Hexachlorocyclopentadiene	ND		2100	480	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Hexachloroethane	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Indeno[1,2,3-cd]pyrene	ND		1100	160	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Isophorone	ND		1100	220	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
N-Nitrosodi-n-propylamine	ND		1100	240	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
N-Nitrosodiphenylamine	ND		1100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Naphthalene	ND		1100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Nitrobenzene	ND		1100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Pentachlorophenol	ND		2100	350	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Phenanthrene	**210**	**J**	1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Phenol	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Pyrene	**420**	**J**	1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*83*		*22 - 120*	*06/24/25 08:10*	*06/25/25 14:59*	*5*
Phenol-d5 (Surr)	*78*		*23 - 120*	*06/24/25 08:10*	*06/25/25 14:59*	*5*

Client Sample ID: TP-7
Lab Sample ID: 480-230533-7
Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 76.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*76*		*28 - 124*	*06/24/25 08:10*	*06/25/25 14:59*	*5*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 140*	*06/24/25 08:10*	*06/25/25 14:59*	*5*
2-Fluorobiphenyl (Surr)	*82*		*29 - 120*	*06/24/25 08:10*	*06/25/25 14:59*	*5*
2-Fluorophenol (Surr)	*76*		*18 - 120*	*06/24/25 08:10*	*06/25/25 14:59*	*5*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		49	25	ug/Kg		07/07/25 09:59	07/08/25 17:29	1
Aroclor-1221	ND		49	30	ug/Kg		07/07/25 09:59	07/08/25 17:29	1
Aroclor-1232	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 17:29	1
Aroclor-1242	ND		49	19	ug/Kg		07/07/25 09:59	07/08/25 17:29	1
Aroclor-1248	ND		49	17	ug/Kg		07/07/25 09:59	07/08/25 17:29	1
Aroclor-1254	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 17:29	1
Aroclor-1260	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*10 - 149*	*07/07/25 09:59*	*07/08/25 17:29*	*1*
DCB Decachlorobiphenyl	*74*		*10 - 174*	*07/07/25 09:59*	*07/08/25 17:29*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15300**		12.9	11.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Antimony	**1.3**	**J**	19.3	0.68	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Arsenic	**4.7**		2.6	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Barium	**127**		0.64	0.18	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Beryllium	**0.73**	**^5-**	0.26	0.052	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Cadmium	**0.55**		0.26	0.090	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Calcium	**37500**		64.4	34.8	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Chromium	**23.1**		0.64	0.46	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Cobalt	**10.3**		0.64	0.13	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Copper	**42.4**		1.3	0.73	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Iron	**19800**		12.9	10.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Lead	**244**		1.3	0.59	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Magnesium	**12400**		25.8	10.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Manganese	**252**		1.3	0.36	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Nickel	**22.9**	**^5-**	6.4	0.32	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Potassium	**3840**		38.7	31.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Selenium	ND		5.2	1.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Silver	ND	^5-	0.77	0.26	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Sodium	**370**		180	79.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Thallium	ND		7.7	0.98	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Vanadium	**29.3**		0.64	0.17	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Zinc	**329**	**^5-**	12.9	6.6	mg/Kg	☼	06/23/25 14:47	06/24/25 15:57	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.18**		0.026	0.0060	mg/Kg	☼	06/24/25 09:16	06/24/25 11:05	1

Client: CHA Inc
Project/Site: Fayette & Almond Street

Job ID: 480-230533-1

Client Sample ID: TP-8
Date Collected: 06/20/25 13:20
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-8
Matrix: Solid
Percent Solids: 76.7

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.4	0.46	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,1,2,2-Tetrachloroethane	ND	vs	6.4	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,1,2-Trichloroethane	ND	vs	6.4	0.83	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.4	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,1-Dichloroethane	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,1-Dichloroethene	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2,4-Trichlorobenzene	ND	vs	6.4	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2-Dichlorobenzene	ND	vs	6.4	0.50	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2-Dichloroethane	ND	vs	6.4	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2-Dichloropropane	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,3-Dichlorobenzene	ND	vs	6.4	0.33	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,4-Dichlorobenzene	ND	vs	6.4	0.90	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
2-Butanone (MEK)	ND	vs	32	2.3	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
2-Hexanone	ND	vs	32	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
4-Methyl-2-pentanone (MIBK)	ND	vs	32	2.1	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Acetone	ND	vs	32	5.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Benzene	ND	vs	6.4	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Bromodichloromethane	ND	vs	6.4	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Bromoform	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Bromomethane	ND	vs	6.4	0.58	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Carbon disulfide	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Carbon tetrachloride	ND	vs	6.4	0.62	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Chlorobenzene	ND	vs	6.4	0.85	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Dibromochloromethane	ND	vs	6.4	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Chloroethane	ND	vs	6.4	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Chloroform	ND	vs	6.4	0.40	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Chloromethane	ND	vs	6.4	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
cis-1,2-Dichloroethene	ND	vs	6.4	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
cis-1,3-Dichloropropene	ND	vs	6.4	0.92	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Cyclohexane	ND	*+ vs	6.4	0.90	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Dichlorodifluoromethane	ND	vs	6.4	0.53	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Ethylbenzene	ND	vs	6.4	0.44	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2-Dibromoethane	ND	vs	6.4	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Isopropylbenzene	ND	vs	6.4	0.97	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Methyl acetate	ND	vs	32	3.9	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Methyl tert-butyl ether	ND	vs	6.4	0.63	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Methylcyclohexane	ND	vs	6.4	0.97	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Methylene Chloride	ND	vs	6.4	2.9	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Styrene	ND	vs	6.4	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Tetrachloroethene	ND	vs	6.4	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Toluene	ND	vs	6.4	0.48	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
trans-1,2-Dichloroethene	ND	vs	6.4	0.66	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
trans-1,3-Dichloropropene	ND	vs	6.4	2.8	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Trichloroethene	ND	vs	6.4	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Trichlorofluoromethane	ND	vs	6.4	0.61	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Vinyl chloride	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1

Client: CHA Inc
Project/Site: Fayette & Almond Street

Job ID: 480-230533-1

Client Sample ID: TP-8
Date Collected: 06/20/25 13:20
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-8
Matrix: Solid
Percent Solids: 76.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 125*	*06/23/25 19:17*	*06/24/25 04:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*06/23/25 19:17*	*06/24/25 04:28*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*06/23/25 19:17*	*06/24/25 04:28*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*06/23/25 19:17*	*06/24/25 04:28*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
bis (2-chloroisopropyl) ether	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4,5-Trichlorophenol	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4,6-Trichlorophenol	ND		210	32	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4-Dichlorophenol	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4-Dimethylphenol	ND		210	45	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4-Dinitrophenol	ND		2100	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4-Dinitrotoluene	ND		210	29	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,6-Dinitrotoluene	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Chloronaphthalene	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Chlorophenol	ND		210	33	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Methylphenol	ND		210	34	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Methylnaphthalene	**46**	**J**	210	33	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Nitroaniline	ND		410	36	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Nitrophenol	ND		210	24	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
3,3'-Dichlorobenzidine	ND		410	62	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
3-Nitroaniline	ND		410	30	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4,6-Dinitro-2-methylphenol	ND		410	47	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Bromophenyl phenyl ether	ND		210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Chloro-3-methylphenol	ND		210	44	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Chloroaniline	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Chlorophenyl phenyl ether	ND		210	45	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Methylphenol	ND		410	38	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Nitroaniline	ND		410	31	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Nitrophenol	ND		410	58	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Acenaphthene	**43**	**J**	210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Acenaphthylene	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Acetophenone	ND		210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Anthracene	**110**	**J**	210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Atrazine	ND		210	72	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzaldehyde	ND		210	160	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzo[a]anthracene	**170**	**J**	210	29	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzo[a]pyrene	**140**	**J**	210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzo[b]fluoranthene	**170**	**J**	210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzo[g,h,i]perylene	**78**	**J**	210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzo[k]fluoranthene	**75**	**J**	210	48	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Bis(2-chloroethoxy)methane	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Bis(2-chloroethyl)ether	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Bis(2-ethylhexyl) phthalate	ND		210	46	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Butyl benzyl phthalate	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Caprolactam	ND		210	49	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Carbazole	**63**	**J**	210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Chrysene	**170**	**J**	210	51	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1

Client Sample ID: TP-8

Date Collected: 06/20/25 13:20
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-8

Matrix: Solid
Percent Solids: 76.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Di-n-butyl phthalate	ND		210	48	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Di-n-octyl phthalate	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Dibenzofuran	**47**	**J**	210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Diethyl phthalate	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Dimethyl phthalate	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Fluoranthene	**420**		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Fluorene	**48**	**J**	210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Hexachlorobenzene	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Hexachlorobutadiene	ND		210	32	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Hexachlorocyclopentadiene	ND		410	93	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Hexachloroethane	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Indeno[1,2,3-cd]pyrene	**66**	**J**	210	32	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Isophorone	ND		210	44	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
N-Nitrosodi-n-propylamine	ND		210	48	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
N-Nitrosodiphenylamine	ND		210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Naphthalene	**70**	**J**	210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Nitrobenzene	ND		210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Pentachlorophenol	ND		410	68	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Phenanthrene	**400**		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Phenol	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Pyrene	**320**		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*95*		*22 - 120*	*06/24/25 08:10*	*06/25/25 15:27*	*1*
Phenol-d5 (Surr)	*90*		*23 - 120*	*06/24/25 08:10*	*06/25/25 15:27*	*1*
p-Terphenyl-d14 (Surr)	*93*		*28 - 124*	*06/24/25 08:10*	*06/25/25 15:27*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 140*	*06/24/25 08:10*	*06/25/25 15:27*	*1*
2-Fluorobiphenyl (Surr)	*94*		*29 - 120*	*06/24/25 08:10*	*06/25/25 15:27*	*1*
2-Fluorophenol (Surr)	*85*		*18 - 120*	*06/24/25 08:10*	*06/25/25 15:27*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1221	ND		50	30	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1232	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1242	ND		50	19	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1248	ND		50	17	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1254	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1260	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*10 - 149*	*07/07/25 09:59*	*07/08/25 17:45*	*1*
DCB Decachlorobiphenyl	*83*		*10 - 174*	*07/07/25 09:59*	*07/08/25 17:45*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16000**		12.9	11.1	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Antimony	**1.4**	**J**	19.3	0.68	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Arsenic	**2.9**		2.6	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1

Client Sample ID: TP-8
Lab Sample ID: 480-230533-8
Date Collected: 06/20/25 13:20
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 76.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	95.1		0.64	0.18	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Beryllium	0.67	^5-	0.26	0.051	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Cadmium	0.25	J	0.26	0.090	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Calcium	24700		64.3	34.7	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Chromium	21.3		0.64	0.46	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Cobalt	8.5		0.64	0.13	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Copper	21.4		1.3	0.73	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Iron	18100		12.9	10.9	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Lead	89.5		1.3	0.59	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Magnesium	10700		25.7	10.9	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Manganese	224		1.3	0.36	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Nickel	21.6	^5-	6.4	0.32	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Potassium	3480		38.6	31.1	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Selenium	1.1	J	5.1	1.0	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Silver	ND	^5-	0.77	0.26	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Sodium	321		180	78.8	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Thallium	ND		7.7	0.98	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Vanadium	27.4		0.64	0.17	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Zinc	81.1	^5-	2.6	1.3	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.069		0.026	0.0059	mg/Kg	☼	06/24/25 09:16	06/24/25 11:06	1

Surrogate Summary

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DCA	BFB	DBFM
Lab Sample ID	Client Sample ID	(71-125)	(64-126)	(72-126)	(60-140)
480-230533-1	TP-1	90	108	91	101
480-230533-2	TP-2	90	109	93	104
480-230533-3	TP-3	89	112	91	103
480-230533-4	TP-4	90	109	92	100
480-230533-5	TP-5	89	107	93	101
480-230533-6	TP-6	90	111	91	103
480-230533-7	TP-7	89	110	92	105
480-230533-8	TP-8	89	108	93	102
LCS 480-749760/1-A	Lab Control Sample	91	105	90	100
MB 480-749760/2-A	Method Blank	91	106	92	104

Surrogate Legend

TOL = Toluene-d8 (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		NBZ	PHL	TPHd14	TBP	FBP	2FP
Lab Sample ID	Client Sample ID	(22-120)	(23-120)	(28-124)	(10-140)	(29-120)	(18-120)
480-230533-1	TP-1	93	86	90	84	92	83
480-230533-2	TP-2	90	86	95	102	91	82
480-230533-3	TP-3	95	88	96	91	93	85
480-230533-4	TP-4	84	90	96	104	93	85
480-230533-5	TP-5	74	79	69	81	79	77
480-230533-6	TP-6	75	88	83	81	86	82
480-230533-7	TP-7	83	78	76	78	82	76
480-230533-8	TP-8	95	90	93	89	94	85
LCS 480-749787/2-A	Lab Control Sample	91	95	92	89	92	80
MB 480-749787/1-A	Method Blank	92	94	96	82	94	86

Surrogate Legend

NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX2	DCBP2
Lab Sample ID	Client Sample ID	(10-149)	(10-174)
480-230533-1	TP-1	60	69
480-230533-2	TP-2	71	95
480-230533-3	TP-3	31 p	45 p

Surrogate Summary

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	TCX2 (10-149)	DCBP2 (10-174)								
480-230533-4	TP-4	61	77								
480-230533-5	TP-5	75	91								
480-230533-6	TP-6	71	101								
480-230533-7	TP-7	67	74								
480-230533-8	TP-8	66	83								
LCS 240-662686/2-A	Lab Control Sample	48	75								
MB 240-662686/1-A	Method Blank	49	72								

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-749760/2-A
Matrix: Solid
Analysis Batch: 749761

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 749760

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.1	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,1-Dichloroethane	ND		5.0	0.61	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,2,4-Trichlorobenzene	ND		5.0	0.30	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,2-Dibromo-3-Chloropropane	ND		5.0	2.5	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,2-Dichlorobenzene	ND		5.0	0.39	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,3-Dichlorobenzene	ND		5.0	0.26	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,4-Dichlorobenzene	ND		5.0	0.70	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
2-Hexanone	ND		25	2.5	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Acetone	ND		25	4.2	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Benzene	ND		5.0	0.25	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Bromoform	ND		5.0	2.5	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Bromomethane	ND		5.0	0.45	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Chloroethane	ND		5.0	1.1	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Chloroform	ND		5.0	0.31	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Chloromethane	ND		5.0	0.30	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
cis-1,2-Dichloroethene	ND		5.0	0.64	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Cyclohexane	ND		5.0	0.70	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Dichlorodifluoromethane	ND		5.0	0.41	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
1,2-Dibromoethane	ND		5.0	0.64	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Isopropylbenzene	ND		5.0	0.75	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Methyl acetate	ND		25	3.0	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Methyl tert-butyl ether	ND		5.0	0.49	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Methylcyclohexane	ND		5.0	0.76	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Styrene	ND		5.0	0.25	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Toluene	ND		5.0	0.38	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
trans-1,2-Dichloroethene	ND		5.0	0.52	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Trichloroethene	ND		5.0	1.1	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Trichlorofluoromethane	ND		5.0	0.47	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		06/23/25 19:17	06/23/25 22:35	1
Xylenes, Total	ND		10	0.84	ug/Kg		06/23/25 19:17	06/23/25 22:35	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-749760/2-A
Matrix: Solid
Analysis Batch: 749761

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 749760

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*91*		*71 - 125*	*06/23/25 19:17*	*06/23/25 22:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*06/23/25 19:17*	*06/23/25 22:35*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*06/23/25 19:17*	*06/23/25 22:35*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*06/23/25 19:17*	*06/23/25 22:35*	*1*

Lab Sample ID: LCS 480-749760/1-A
Matrix: Solid
Analysis Batch: 749761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 749760

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	50.0	57.9		ug/Kg		116	77 - 121
1,1,2,2-Tetrachloroethane	50.0	45.5		ug/Kg		91	80 - 120
1,1,2-Trichloroethane	50.0	45.2		ug/Kg		90	78 - 122
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	57.4		ug/Kg		115	60 - 140
1,1-Dichloroethane	50.0	58.4		ug/Kg		117	73 - 126
1,1-Dichloroethene	50.0	56.0		ug/Kg		112	59 - 125
1,2,4-Trichlorobenzene	50.0	42.5		ug/Kg		85	64 - 120
1,2-Dibromo-3-Chloropropane	50.0	41.9		ug/Kg		84	63 - 124
1,2-Dichlorobenzene	50.0	43.8		ug/Kg		88	75 - 120
1,2-Dichloroethane	50.0	56.9		ug/Kg		114	77 - 122
1,2-Dichloropropane	50.0	55.8		ug/Kg		112	75 - 124
1,3-Dichlorobenzene	50.0	44.4		ug/Kg		89	74 - 120
1,4-Dichlorobenzene	50.0	43.7		ug/Kg		87	73 - 120
2-Butanone (MEK)	250	305		ug/Kg		122	70 - 134
2-Hexanone	250	261		ug/Kg		104	59 - 130
4-Methyl-2-pentanone (MIBK)	250	268		ug/Kg		107	65 - 133
Acetone	250	273		ug/Kg		109	61 - 137
Benzene	50.0	54.1		ug/Kg		108	79 - 127
Bromodichloromethane	50.0	55.1		ug/Kg		110	80 - 122
Bromoform	50.0	42.0		ug/Kg		84	68 - 126
Bromomethane	50.0	44.2		ug/Kg		88	37 - 149
Carbon disulfide	50.0	52.2		ug/Kg		104	64 - 131
Carbon tetrachloride	50.0	55.7		ug/Kg		111	75 - 135
Chlorobenzene	50.0	45.2		ug/Kg		90	76 - 124
Dibromochloromethane	50.0	45.1		ug/Kg		90	76 - 125
Chloroethane	50.0	48.4		ug/Kg		97	69 - 135
Chloroform	50.0	54.6		ug/Kg		109	80 - 120
Chloromethane	50.0	51.6		ug/Kg		103	63 - 127
cis-1,2-Dichloroethene	50.0	51.3		ug/Kg		103	81 - 120
cis-1,3-Dichloropropene	50.0	51.8		ug/Kg		104	80 - 120
Cyclohexane	50.0	67.2	*+	ug/Kg		134	65 - 120
Dichlorodifluoromethane	50.0	46.7		ug/Kg		93	57 - 142
Ethylbenzene	50.0	48.6		ug/Kg		97	80 - 120
1,2-Dibromoethane	50.0	41.1		ug/Kg		82	78 - 120
Isopropylbenzene	50.0	53.6		ug/Kg		107	72 - 120
Methyl acetate	100	122		ug/Kg		122	55 - 136
Methyl tert-butyl ether	50.0	50.1		ug/Kg		100	63 - 125
Methylcyclohexane	50.0	60.4		ug/Kg		121	60 - 140

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-749760/1-A
Matrix: Solid
Analysis Batch: 749761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 749760

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	50.0	53.6		ug/Kg		107	61 - 127
Styrene	50.0	44.6		ug/Kg		89	80 - 120
Tetrachloroethene	50.0	47.4		ug/Kg		95	74 - 122
Toluene	50.0	48.3		ug/Kg		97	74 - 128
trans-1,2-Dichloroethene	50.0	54.4		ug/Kg		109	78 - 126
trans-1,3-Dichloropropene	50.0	44.8		ug/Kg		90	73 - 123
Trichloroethene	50.0	57.2		ug/Kg		114	77 - 129
Trichlorofluoromethane	50.0	66.0		ug/Kg		132	65 - 146
Vinyl chloride	50.0	55.0		ug/Kg		110	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*91*		*71 - 125*
1,2-Dichloroethane-d4 (Surr)	*105*		*64 - 126*
4-Bromofluorobenzene (Surr)	*90*		*72 - 126*
Dibromofluoromethane (Surr)	*100*		*60 - 140*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-749787/1-A
Matrix: Solid
Analysis Batch: 749961

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 749787

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		170	32	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
bis (2-chloroisopropyl) ether	ND		170	35	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2,4,5-Trichlorophenol	ND		170	34	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2,4,6-Trichlorophenol	ND		170	26	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2,4-Dichlorophenol	ND		170	33	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2,4-Dimethylphenol	ND		170	36	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2,4-Dinitrophenol	ND		1700	32	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2,4-Dinitrotoluene	ND		170	23	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2,6-Dinitrotoluene	ND		170	24	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2-Chloronaphthalene	ND		170	32	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2-Chlorophenol	ND		170	27	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2-Methylphenol	ND		170	27	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2-Methylnaphthalene	ND		170	27	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2-Nitroaniline	ND		330	29	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
2-Nitrophenol	ND		170	19	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
3,3'-Dichlorobenzidine	ND		330	50	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
3-Nitroaniline	ND		330	24	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
4,6-Dinitro-2-methylphenol	ND		330	37	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
4-Bromophenyl phenyl ether	ND		170	29	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
4-Chloro-3-methylphenol	ND		170	35	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
4-Chloroaniline	ND		170	24	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
4-Chlorophenyl phenyl ether	ND		170	36	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
4-Methylphenol	ND		330	30	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
4-Nitroaniline	ND		330	25	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
4-Nitrophenol	ND		330	46	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Acenaphthene	ND		170	31	ug/Kg		06/24/25 08:10	06/25/25 10:10	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-749787/1-A
Matrix: Solid
Analysis Batch: 749961

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 749787

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		170	33	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Acetophenone	ND		170	30	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Anthracene	ND		170	31	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Atrazine	ND		170	57	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Benzaldehyde	ND		170	130	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Benzo[a]anthracene	ND		170	23	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Benzo[a]pyrene	ND		170	29	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Benzo[b]fluoranthene	ND		170	23	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Benzo[g,h,i]perylene	ND		170	30	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Benzo[k]fluoranthene	ND		170	38	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Bis(2-chloroethoxy)methane	ND		170	32	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Bis(2-chloroethyl)ether	ND		170	32	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Bis(2-ethylhexyl) phthalate	ND		170	37	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Butyl benzyl phthalate	ND		170	31	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Caprolactam	ND		170	39	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Carbazole	ND		170	33	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Chrysene	ND		170	41	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Dibenz(a,h)anthracene	ND		170	34	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Di-n-butyl phthalate	ND		170	38	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Di-n-octyl phthalate	ND		170	32	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Dibenzofuran	ND		170	30	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Diethyl phthalate	ND		170	30	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Dimethyl phthalate	ND		170	33	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Fluoranthene	ND		170	31	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Fluorene	ND		170	31	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Hexachlorobenzene	ND		170	33	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Hexachlorobutadiene	ND		170	25	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Hexachlorocyclopentadiene	ND		330	74	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Hexachloroethane	ND		170	31	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Indeno[1,2,3-cd]pyrene	ND		170	25	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Isophorone	ND		170	35	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
N-Nitrosodi-n-propylamine	ND		170	38	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
N-Nitrosodiphenylamine	ND		170	28	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Naphthalene	ND		170	28	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Nitrobenzene	ND		170	28	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Pentachlorophenol	ND		330	54	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Phenanthrene	ND		170	32	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Phenol	ND		170	31	ug/Kg		06/24/25 08:10	06/25/25 10:10	1
Pyrene	ND		170	32	ug/Kg		06/24/25 08:10	06/25/25 10:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*92*		*22 - 120*	*06/24/25 08:10*	*06/25/25 10:10*	*1*
Phenol-d5 (Surr)	*94*		*23 - 120*	*06/24/25 08:10*	*06/25/25 10:10*	*1*
p-Terphenyl-d14 (Surr)	*96*		*28 - 124*	*06/24/25 08:10*	*06/25/25 10:10*	*1*
2,4,6-Tribromophenol (Surr)	*82*		*10 - 140*	*06/24/25 08:10*	*06/25/25 10:10*	*1*
2-Fluorobiphenyl (Surr)	*94*		*29 - 120*	*06/24/25 08:10*	*06/25/25 10:10*	*1*
2-Fluorophenol (Surr)	*86*		*18 - 120*	*06/24/25 08:10*	*06/25/25 10:10*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-749787/2-A
Matrix: Solid
Analysis Batch: 749961

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 749787

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Biphenyl	2670	2390		ug/Kg		90	47 - 120
bis (2-chloroisopropyl) ether	2670	2420		ug/Kg		91	31 - 120
2,4,5-Trichlorophenol	2670	2490		ug/Kg		93	52 - 120
2,4,6-Trichlorophenol	2670	2330		ug/Kg		88	51 - 120
2,4-Dichlorophenol	2670	2380		ug/Kg		89	44 - 120
2,4-Dimethylphenol	2670	2440		ug/Kg		91	48 - 120
2,4-Dinitrophenol	5330	4010		ug/Kg		75	28 - 120
2,4-Dinitrotoluene	2670	2710		ug/Kg		102	55 - 125
2,6-Dinitrotoluene	2670	2610		ug/Kg		98	51 - 125
2-Chloronaphthalene	2670	2360		ug/Kg		89	46 - 120
2-Chlorophenol	2670	2320		ug/Kg		87	40 - 120
2-Methylphenol	2670	2450		ug/Kg		92	41 - 120
2-Methylnaphthalene	2670	2330		ug/Kg		87	45 - 120
2-Nitroaniline	2670	2890		ug/Kg		108	51 - 125
2-Nitrophenol	2670	2590		ug/Kg		97	43 - 120
3,3'-Dichlorobenzidine	2670	1930		ug/Kg		72	10 - 120
3-Nitroaniline	2670	2170		ug/Kg		81	33 - 120
4,6-Dinitro-2-methylphenol	5330	4870		ug/Kg		91	49 - 126
4-Bromophenyl phenyl ether	2670	2600		ug/Kg		97	55 - 123
4-Chloro-3-methylphenol	2670	2450		ug/Kg		92	54 - 120
4-Chloroaniline	2670	1950		ug/Kg		73	20 - 120
4-Chlorophenyl phenyl ether	2670	2450		ug/Kg		92	54 - 120
4-Methylphenol	2670	2510		ug/Kg		94	43 - 120
4-Nitroaniline	2670	2420		ug/Kg		91	54 - 120
4-Nitrophenol	5330	4730		ug/Kg		89	47 - 120
Acenaphthene	2670	2550		ug/Kg		96	49 - 121
Acenaphthylene	2670	2490		ug/Kg		94	49 - 120
Acetophenone	2670	2410		ug/Kg		90	39 - 120
Anthracene	2670	2600		ug/Kg		98	57 - 120
Atrazine	2670	1890		ug/Kg		71	44 - 120
Benzaldehyde	2670	1890		ug/Kg		71	10 - 120
Benzo[a]anthracene	2670	2360		ug/Kg		88	58 - 120
Benzo[a]pyrene	2670	2490		ug/Kg		93	59 - 122
Benzo[b]fluoranthene	2670	2370		ug/Kg		89	56 - 120
Benzo[g,h,i]perylene	2670	2510		ug/Kg		94	56 - 132
Benzo[k]fluoranthene	2670	2520		ug/Kg		95	59 - 127
Bis(2-chloroethoxy)methane	2670	2330		ug/Kg		87	42 - 120
Bis(2-chloroethyl)ether	2670	2280		ug/Kg		86	34 - 120
Bis(2-ethylhexyl) phthalate	2670	2460		ug/Kg		92	49 - 130
Butyl benzyl phthalate	2670	2530		ug/Kg		95	50 - 122
Caprolactam	2670	1650		ug/Kg		62	10 - 120
Carbazole	2670	2710		ug/Kg		102	58 - 124
Chrysene	2670	2340		ug/Kg		88	57 - 120
Dibenz(a,h)anthracene	2670	2560		ug/Kg		96	53 - 124
Di-n-butyl phthalate	2670	2660		ug/Kg		100	49 - 120
Di-n-octyl phthalate	2670	2570		ug/Kg		96	42 - 125
Dibenzofuran	2670	2390		ug/Kg		90	53 - 120
Diethyl phthalate	2670	2530		ug/Kg		95	54 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-749787/2-A
Matrix: Solid
Analysis Batch: 749961

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 749787

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethyl phthalate	2670	2490		ug/Kg		93	53 - 120
Fluoranthene	2670	2650		ug/Kg		99	57 - 121
Fluorene	2670	2660		ug/Kg		100	55 - 121
Hexachlorobenzene	2670	2580		ug/Kg		97	56 - 120
Hexachlorobutadiene	2670	2230		ug/Kg		84	40 - 120
Hexachlorocyclopentadiene	2670	1770		ug/Kg		67	30 - 125
Hexachloroethane	2670	2200		ug/Kg		83	34 - 120
Indeno[1,2,3-cd]pyrene	2670	2530		ug/Kg		95	53 - 125
Isophorone	2670	2340		ug/Kg		88	46 - 120
N-Nitrosodi-n-propylamine	2670	2580		ug/Kg		97	41 - 120
N-Nitrosodiphenylamine	2670	2560		ug/Kg		96	57 - 126
Naphthalene	2670	2240		ug/Kg		84	43 - 120
Nitrobenzene	2670	2290		ug/Kg		86	40 - 120
Pentachlorophenol	5330	4100		ug/Kg		77	10 - 124
Phenanthrene	2670	2580		ug/Kg		97	57 - 120
Phenol	2670	2320		ug/Kg		87	37 - 120
Pyrene	2670	2370		ug/Kg		89	59 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*91*		*22 - 120*
Phenol-d5 (Surr)	*95*		*23 - 120*
p-Terphenyl-d14 (Surr)	*92*		*28 - 124*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 140*
2-Fluorobiphenyl (Surr)	*92*		*29 - 120*
2-Fluorophenol (Surr)	*80*		*18 - 120*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-662686/1-A
Matrix: Solid
Analysis Batch: 662802

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 662686

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		07/07/25 09:59	07/08/25 14:51	1
Aroclor-1221	ND		50	30	ug/Kg		07/07/25 09:59	07/08/25 14:51	1
Aroclor-1232	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 14:51	1
Aroclor-1242	ND		50	19	ug/Kg		07/07/25 09:59	07/08/25 14:51	1
Aroclor-1248	ND		50	17	ug/Kg		07/07/25 09:59	07/08/25 14:51	1
Aroclor-1254	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 14:51	1
Aroclor-1260	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 14:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*49*		*10 - 149*	*07/07/25 09:59*	*07/08/25 14:51*	*1*
DCB Decachlorobiphenyl	*72*		*10 - 174*	*07/07/25 09:59*	*07/08/25 14:51*	*1*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 240-662686/2-A
Matrix: Solid
Analysis Batch: 662802

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 662686

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aroclor-1016	1000	509		ug/Kg		51	28 - 140
Aroclor-1260	1000	546		ug/Kg		55	39 - 153

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*48*		*10 - 149*
DCB Decachlorobiphenyl	*75*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-749666/1-A
Matrix: Solid
Analysis Batch: 749862

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 749666

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		10.5	9.1	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Antimony	ND		15.8	0.56	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Arsenic	ND		2.1	0.92	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Barium	ND		0.53	0.15	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Beryllium	ND	^5-	0.21	0.042	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Cadmium	ND		0.21	0.074	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Calcium	ND		52.5	28.3	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Chromium	ND		0.53	0.38	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Cobalt	ND		0.53	0.11	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Copper	ND		1.1	0.60	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Iron	ND		10.5	8.9	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Lead	ND		1.1	0.48	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Magnesium	ND		21.0	8.9	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Manganese	ND		1.1	0.29	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Nickel	ND	^5-	5.3	0.26	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Potassium	ND		31.5	25.5	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Selenium	ND		4.2	0.84	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Silver	ND	^5-	0.63	0.21	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Sodium	ND		147	64.4	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Thallium	ND		6.3	0.80	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Vanadium	ND		0.53	0.14	mg/Kg		06/23/25 14:47	06/24/25 12:20	1
Zinc	ND	^5-	2.1	1.1	mg/Kg		06/23/25 14:47	06/24/25 12:20	1

Lab Sample ID: LCSSRM 480-749666/2-A
Matrix: Solid
Analysis Batch: 749862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 749666

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	7680	8143		mg/Kg		106.0	47.4 - 130.2
Antimony	201	68.14		mg/Kg		33.9	0.06 - 100.0
Arsenic	181	133.0		mg/Kg		73.5	66.3 - 97.8
Barium	211	169.3		mg/Kg		80.2	73.9 - 107.1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSSRM 480-749666/2-A
Matrix: Solid
Analysis Batch: 749862

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 749666

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	270	224.8		mg/Kg		83.2	73.0 - 104.4
Cadmium	221	168.7		mg/Kg		76.3	70.6 - 101.8
Calcium	4280	3705		mg/Kg		86.6	77.3 - 111.0
Chromium	149	124.5		mg/Kg		83.6	71.8 - 105.4
Cobalt	142	128.8		mg/Kg		90.7	73.2 - 104.2
Copper	264	212.4		mg/Kg		80.5	73.5 - 104.2
Iron	7360	6868		mg/Kg		93.3	55.4 - 130.3
Lead	106	96.62		mg/Kg		91.1	76.1 - 109.4
Magnesium	2170	1846		mg/Kg		85.1	68.7 - 112.0
Manganese	270	215.8		mg/Kg		79.9	73.0 - 107.8
Nickel	177	147.3		mg/Kg		83.2	71.8 - 103.4
Potassium	2340	2166		mg/Kg		92.5	62.8 - 113.7
Selenium	139	108.2		mg/Kg		77.9	70.0 - 107.9
Silver	59.9	48.31		mg/Kg		80.6	72.8 - 110.7
Sodium	306	264.2		mg/Kg		86.3	66.0 - 113.4
Thallium	205	189.5		mg/Kg		92.5	71.7 - 106.8
Vanadium	155	130.4		mg/Kg		84.2	69.0 - 107.7
Zinc	398	323.0		mg/Kg		81.2	68.8 - 104.5

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 480-749685/1-A
Matrix: Solid
Analysis Batch: 749855

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 749685

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.019	0.0044	mg/Kg		06/24/25 09:16	06/24/25 10:54	1

Lab Sample ID: LCSSRM 480-749685/2-A ^10
Matrix: Solid
Analysis Batch: 749855

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 749685

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	24.0	17.88		mg/Kg		74.5	55.8 - 109.6

GC/MS VOA

Prep Batch: 749760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-1	TP-1	Total/NA	Solid	5035A_L	
480-230533-2	TP-2	Total/NA	Solid	5035A_L	
480-230533-3	TP-3	Total/NA	Solid	5035A_L	
480-230533-4	TP-4	Total/NA	Solid	5035A_L	
480-230533-5	TP-5	Total/NA	Solid	5035A_L	
480-230533-6	TP-6	Total/NA	Solid	5035A_L	
480-230533-7	TP-7	Total/NA	Solid	5035A_L	
480-230533-8	TP-8	Total/NA	Solid	5035A_L	
MB 480-749760/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-749760/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 749761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-1	TP-1	Total/NA	Solid	8260C	749760
480-230533-2	TP-2	Total/NA	Solid	8260C	749760
480-230533-3	TP-3	Total/NA	Solid	8260C	749760
480-230533-4	TP-4	Total/NA	Solid	8260C	749760
480-230533-5	TP-5	Total/NA	Solid	8260C	749760
480-230533-6	TP-6	Total/NA	Solid	8260C	749760
480-230533-7	TP-7	Total/NA	Solid	8260C	749760
480-230533-8	TP-8	Total/NA	Solid	8260C	749760
MB 480-749760/2-A	Method Blank	Total/NA	Solid	8260C	749760
LCS 480-749760/1-A	Lab Control Sample	Total/NA	Solid	8260C	749760

GC/MS Semi VOA

Prep Batch: 749787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-1	TP-1	Total/NA	Solid	3546	
480-230533-2	TP-2	Total/NA	Solid	3546	
480-230533-3	TP-3	Total/NA	Solid	3546	
480-230533-4	TP-4	Total/NA	Solid	3546	
480-230533-5	TP-5	Total/NA	Solid	3546	
480-230533-6	TP-6	Total/NA	Solid	3546	
480-230533-7	TP-7	Total/NA	Solid	3546	
480-230533-8	TP-8	Total/NA	Solid	3546	
MB 480-749787/1-A	Method Blank	Total/NA	Solid	3546	
LCS 480-749787/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 749961

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-749787/1-A	Method Blank	Total/NA	Solid	8270D	749787
LCS 480-749787/2-A	Lab Control Sample	Total/NA	Solid	8270D	749787

Analysis Batch: 749964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-1	TP-1	Total/NA	Solid	8270D	749787
480-230533-2	TP-2	Total/NA	Solid	8270D	749787
480-230533-3	TP-3	Total/NA	Solid	8270D	749787
480-230533-4	TP-4	Total/NA	Solid	8270D	749787
480-230533-5	TP-5	Total/NA	Solid	8270D	749787

GC/MS Semi VOA (Continued)

Analysis Batch: 749964 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-6	TP-6	Total/NA	Solid	8270D	749787
480-230533-7	TP-7	Total/NA	Solid	8270D	749787
480-230533-8	TP-8	Total/NA	Solid	8270D	749787

GC Semi VOA

Prep Batch: 662686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-1	TP-1	Total/NA	Solid	3546	
480-230533-2	TP-2	Total/NA	Solid	3546	
480-230533-3	TP-3	Total/NA	Solid	3546	
480-230533-4	TP-4	Total/NA	Solid	3546	
480-230533-5	TP-5	Total/NA	Solid	3546	
480-230533-6	TP-6	Total/NA	Solid	3546	
480-230533-7	TP-7	Total/NA	Solid	3546	
480-230533-8	TP-8	Total/NA	Solid	3546	
MB 240-662686/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-662686/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 662802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-1	TP-1	Total/NA	Solid	8082A	662686
480-230533-2	TP-2	Total/NA	Solid	8082A	662686
480-230533-3	TP-3	Total/NA	Solid	8082A	662686
480-230533-4	TP-4	Total/NA	Solid	8082A	662686
480-230533-5	TP-5	Total/NA	Solid	8082A	662686
480-230533-6	TP-6	Total/NA	Solid	8082A	662686
480-230533-7	TP-7	Total/NA	Solid	8082A	662686
480-230533-8	TP-8	Total/NA	Solid	8082A	662686
MB 240-662686/1-A	Method Blank	Total/NA	Solid	8082A	662686
LCS 240-662686/2-A	Lab Control Sample	Total/NA	Solid	8082A	662686

Metals

Prep Batch: 749666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-1	TP-1	Total/NA	Solid	3050B	
480-230533-2	TP-2	Total/NA	Solid	3050B	
480-230533-3	TP-3	Total/NA	Solid	3050B	
480-230533-4	TP-4	Total/NA	Solid	3050B	
480-230533-5	TP-5	Total/NA	Solid	3050B	
480-230533-6	TP-6	Total/NA	Solid	3050B	
480-230533-7	TP-7	Total/NA	Solid	3050B	
480-230533-8	TP-8	Total/NA	Solid	3050B	
MB 480-749666/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 480-749666/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 749685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-1	TP-1	Total/NA	Solid	7471B	
480-230533-2	TP-2	Total/NA	Solid	7471B	
480-230533-3	TP-3	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 749685 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-4	TP-4	Total/NA	Solid	7471B	
480-230533-5	TP-5	Total/NA	Solid	7471B	
480-230533-6	TP-6	Total/NA	Solid	7471B	
480-230533-7	TP-7	Total/NA	Solid	7471B	
480-230533-8	TP-8	Total/NA	Solid	7471B	
MB 480-749685/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 480-749685/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 749855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-1	TP-1	Total/NA	Solid	7471B	749685
480-230533-2	TP-2	Total/NA	Solid	7471B	749685
480-230533-3	TP-3	Total/NA	Solid	7471B	749685
480-230533-4	TP-4	Total/NA	Solid	7471B	749685
480-230533-5	TP-5	Total/NA	Solid	7471B	749685
480-230533-6	TP-6	Total/NA	Solid	7471B	749685
480-230533-7	TP-7	Total/NA	Solid	7471B	749685
480-230533-8	TP-8	Total/NA	Solid	7471B	749685
MB 480-749685/1-A	Method Blank	Total/NA	Solid	7471B	749685
LCSSRM 480-749685/2-A ^10	Lab Control Sample	Total/NA	Solid	7471B	749685

Analysis Batch: 749862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-1	TP-1	Total/NA	Solid	6010D	749666
480-230533-2	TP-2	Total/NA	Solid	6010D	749666
480-230533-3	TP-3	Total/NA	Solid	6010D	749666
480-230533-4	TP-4	Total/NA	Solid	6010D	749666
480-230533-5	TP-5	Total/NA	Solid	6010D	749666
480-230533-6	TP-6	Total/NA	Solid	6010D	749666
480-230533-7	TP-7	Total/NA	Solid	6010D	749666
480-230533-8	TP-8	Total/NA	Solid	6010D	749666
MB 480-749666/1-A	Method Blank	Total/NA	Solid	6010D	749666
LCSSRM 480-749666/2-A	Lab Control Sample	Total/NA	Solid	6010D	749666

Analysis Batch: 749903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-2	TP-2	Total/NA	Solid	6010D	749666
480-230533-5	TP-5	Total/NA	Solid	6010D	749666
480-230533-7	TP-7	Total/NA	Solid	6010D	749666

General Chemistry

Analysis Batch: 749724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-1	TP-1	Total/NA	Solid	Moisture	
480-230533-2	TP-2	Total/NA	Solid	Moisture	
480-230533-3	TP-3	Total/NA	Solid	Moisture	
480-230533-4	TP-4	Total/NA	Solid	Moisture	
480-230533-5	TP-5	Total/NA	Solid	Moisture	
480-230533-6	TP-6	Total/NA	Solid	Moisture	
480-230533-7	TP-7	Total/NA	Solid	Moisture	

General Chemistry (Continued)

Analysis Batch: 749724 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-230533-8	TP-8	Total/NA	Solid	Moisture	

Lab Chronicle

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Client Sample ID: TP-1
Lab Sample ID: 480-230533-1
Date Collected: 06/20/25 08:00
Matrix: Solid
Date Received: 06/21/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			662686	LK2	EET CLE	07/07/25 09:59
Total/NA	Analysis	8082A		1	662802	LSH	EET CLE	07/08/25 15:54
Total/NA	Analysis	Moisture		1	749724	JLS	EET BUF	06/23/25 14:38

Client Sample ID: TP-1
Lab Sample ID: 480-230533-1
Date Collected: 06/20/25 08:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 78.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			749760	CDC	EET BUF	06/23/25 19:17
Total/NA	Analysis	8260C		1	749761	LCH	EET BUF	06/24/25 01:43
Total/NA	Prep	3546			749787	JMP	EET BUF	06/24/25 08:10
Total/NA	Analysis	8270D		1	749964	JMM	EET BUF	06/25/25 12:11
Total/NA	Prep	3050B			749666	EMO	EET BUF	06/23/25 14:47
Total/NA	Analysis	6010D		1	749862	BMB	EET BUF	06/24/25 12:24
Total/NA	Prep	7471B			749685	ESB	EET BUF	06/24/25 09:16
Total/NA	Analysis	7471B		1	749855	ESB	EET BUF	06/24/25 10:57

Client Sample ID: TP-2
Lab Sample ID: 480-230533-2
Date Collected: 06/20/25 08:45
Matrix: Solid
Date Received: 06/21/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			662686	LK2	EET CLE	07/07/25 09:59
Total/NA	Analysis	8082A		1	662802	LSH	EET CLE	07/08/25 16:10
Total/NA	Analysis	Moisture		1	749724	JLS	EET BUF	06/23/25 14:38

Client Sample ID: TP-2
Lab Sample ID: 480-230533-2
Date Collected: 06/20/25 08:45
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			749760	CDC	EET BUF	06/23/25 19:17
Total/NA	Analysis	8260C		1	749761	LCH	EET BUF	06/24/25 02:07
Total/NA	Prep	3546			749787	JMP	EET BUF	06/24/25 08:10
Total/NA	Analysis	8270D		1	749964	JMM	EET BUF	06/25/25 12:39
Total/NA	Prep	3050B			749666	EMO	EET BUF	06/23/25 14:47
Total/NA	Analysis	6010D		1	749862	BMB	EET BUF	06/24/25 12:26
Total/NA	Prep	3050B			749666	EMO	EET BUF	06/23/25 14:47
Total/NA	Analysis	6010D		5	749903	BMB	EET BUF	06/24/25 15:53
Total/NA	Prep	7471B			749685	ESB	EET BUF	06/24/25 09:16
Total/NA	Analysis	7471B		1	749855	ESB	EET BUF	06/24/25 10:58

Lab Chronicle

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Client Sample ID: TP-3
Lab Sample ID: 480-230533-3
Date Collected: 06/20/25 09:25
Matrix: Solid
Date Received: 06/21/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			662686	LK2	EET CLE	07/07/25 09:59
Total/NA	Analysis	8082A		1	662802	LSH	EET CLE	07/08/25 16:25
Total/NA	Analysis	Moisture		1	749724	JLS	EET BUF	06/23/25 14:38

Client Sample ID: TP-3
Lab Sample ID: 480-230533-3
Date Collected: 06/20/25 09:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 79.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			749760	CDC	EET BUF	06/23/25 19:17
Total/NA	Analysis	8260C		1	749761	LCH	EET BUF	06/24/25 02:30
Total/NA	Prep	3546			749787	JMP	EET BUF	06/24/25 08:10
Total/NA	Analysis	8270D		1	749964	JMM	EET BUF	06/25/25 13:07
Total/NA	Prep	3050B			749666	EMO	EET BUF	06/23/25 14:47
Total/NA	Analysis	6010D		1	749862	BMB	EET BUF	06/24/25 12:28
Total/NA	Prep	7471B			749685	ESB	EET BUF	06/24/25 09:16
Total/NA	Analysis	7471B		1	749855	ESB	EET BUF	06/24/25 10:59

Client Sample ID: TP-4
Lab Sample ID: 480-230533-4
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/21/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			662686	LK2	EET CLE	07/07/25 09:59
Total/NA	Analysis	8082A		1	662802	LSH	EET CLE	07/08/25 16:41
Total/NA	Analysis	Moisture		1	749724	JLS	EET BUF	06/23/25 14:38

Client Sample ID: TP-4
Lab Sample ID: 480-230533-4
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 75.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			749760	CDC	EET BUF	06/23/25 19:17
Total/NA	Analysis	8260C		1	749761	LCH	EET BUF	06/24/25 02:54
Total/NA	Prep	3546			749787	JMP	EET BUF	06/24/25 08:10
Total/NA	Analysis	8270D		1	749964	JMM	EET BUF	06/25/25 13:35
Total/NA	Prep	3050B			749666	EMO	EET BUF	06/23/25 14:47
Total/NA	Analysis	6010D		1	749862	BMB	EET BUF	06/24/25 12:30
Total/NA	Prep	7471B			749685	ESB	EET BUF	06/24/25 09:16
Total/NA	Analysis	7471B		5	749855	ESB	EET BUF	06/24/25 12:51

Lab Chronicle

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Client Sample ID: TP-5
Lab Sample ID: 480-230533-5
Date Collected: 06/20/25 10:45
Matrix: Solid
Date Received: 06/21/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			662686	LK2	EET CLE	07/07/25 09:59
Total/NA	Analysis	8082A		1	662802	LSH	EET CLE	07/08/25 16:57
Total/NA	Analysis	Moisture		1	749724	JLS	EET BUF	06/23/25 14:38

Client Sample ID: TP-5
Lab Sample ID: 480-230533-5
Date Collected: 06/20/25 10:45
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 73.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			749760	CDC	EET BUF	06/23/25 19:17
Total/NA	Analysis	8260C		1	749761	LCH	EET BUF	06/24/25 03:17
Total/NA	Prep	3546			749787	JMP	EET BUF	06/24/25 08:10
Total/NA	Analysis	8270D		1	749964	JMM	EET BUF	06/25/25 14:03
Total/NA	Prep	3050B			749666	EMO	EET BUF	06/23/25 14:47
Total/NA	Analysis	6010D		1	749862	BMB	EET BUF	06/24/25 12:32
Total/NA	Prep	3050B			749666	EMO	EET BUF	06/23/25 14:47
Total/NA	Analysis	6010D		5	749903	BMB	EET BUF	06/24/25 15:55
Total/NA	Prep	7471B			749685	ESB	EET BUF	06/24/25 09:16
Total/NA	Analysis	7471B		1	749855	ESB	EET BUF	06/24/25 11:02

Client Sample ID: TP-6
Lab Sample ID: 480-230533-6
Date Collected: 06/20/25 11:25
Matrix: Solid
Date Received: 06/21/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			662686	LK2	EET CLE	07/07/25 09:59
Total/NA	Analysis	8082A		1	662802	LSH	EET CLE	07/08/25 17:13
Total/NA	Analysis	Moisture		1	749724	JLS	EET BUF	06/23/25 14:38

Client Sample ID: TP-6
Lab Sample ID: 480-230533-6
Date Collected: 06/20/25 11:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 67.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			749760	CDC	EET BUF	06/23/25 19:17
Total/NA	Analysis	8260C		1	749761	LCH	EET BUF	06/24/25 03:41
Total/NA	Prep	3546			749787	JMP	EET BUF	06/24/25 08:10
Total/NA	Analysis	8270D		1	749964	JMM	EET BUF	06/25/25 14:31
Total/NA	Prep	3050B			749666	EMO	EET BUF	06/23/25 14:47
Total/NA	Analysis	6010D		1	749862	BMB	EET BUF	06/24/25 12:34
Total/NA	Prep	7471B			749685	ESB	EET BUF	06/24/25 09:16
Total/NA	Analysis	7471B		1	749855	ESB	EET BUF	06/24/25 11:03

Lab Chronicle

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Client Sample ID: TP-7
Lab Sample ID: 480-230533-7
Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/21/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			662686	LK2	EET CLE	07/07/25 09:59
Total/NA	Analysis	8082A		1	662802	LSH	EET CLE	07/08/25 17:29
Total/NA	Analysis	Moisture		1	749724	JLS	EET BUF	06/23/25 14:38

Client Sample ID: TP-7
Lab Sample ID: 480-230533-7
Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 76.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			749760	CDC	EET BUF	06/23/25 19:17
Total/NA	Analysis	8260C		1	749761	LCH	EET BUF	06/24/25 04:04
Total/NA	Prep	3546			749787	JMP	EET BUF	06/24/25 08:10
Total/NA	Analysis	8270D		5	749964	JMM	EET BUF	06/25/25 14:59
Total/NA	Prep	3050B			749666	EMO	EET BUF	06/23/25 14:47
Total/NA	Analysis	6010D		1	749862	BMB	EET BUF	06/24/25 12:36
Total/NA	Prep	3050B			749666	EMO	EET BUF	06/23/25 14:47
Total/NA	Analysis	6010D		5	749903	BMB	EET BUF	06/24/25 15:57
Total/NA	Prep	7471B			749685	ESB	EET BUF	06/24/25 09:16
Total/NA	Analysis	7471B		1	749855	ESB	EET BUF	06/24/25 11:05

Client Sample ID: TP-8
Lab Sample ID: 480-230533-8
Date Collected: 06/20/25 13:20
Matrix: Solid
Date Received: 06/21/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			662686	LK2	EET CLE	07/07/25 09:59
Total/NA	Analysis	8082A		1	662802	LSH	EET CLE	07/08/25 17:45
Total/NA	Analysis	Moisture		1	749724	JLS	EET BUF	06/23/25 14:38

Client Sample ID: TP-8
Lab Sample ID: 480-230533-8
Date Collected: 06/20/25 13:20
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 76.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035A_L			749760	CDC	EET BUF	06/23/25 19:17
Total/NA	Analysis	8260C		1	749761	LCH	EET BUF	06/24/25 04:28
Total/NA	Prep	3546			749787	JMP	EET BUF	06/24/25 08:10
Total/NA	Analysis	8270D		1	749964	JMM	EET BUF	06/25/25 15:27
Total/NA	Prep	3050B			749666	EMO	EET BUF	06/23/25 14:47
Total/NA	Analysis	6010D		1	749862	BMB	EET BUF	06/24/25 13:00
Total/NA	Prep	7471B			749685	ESB	EET BUF	06/24/25 09:16
Total/NA	Analysis	7471B		1	749855	ESB	EET BUF	06/24/25 11:06

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	06-29-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-26
Iowa	State	421	06-01-27
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	06-30-26
New York	NELAP	10975	04-01-26
North Dakota	State	R-244	02-27-26
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-15-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

Method Summary

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET BUF
7471B	Mercury (CVAA)	SW846	EET BUF
Moisture	Percent Moisture	EPA	EET BUF
3050B	Preparation, Metals	SW846	EET BUF
3546	Microwave Extraction	SW846	EET BUF
3546	Microwave Extraction	SW846	EET CLE
5035A_L	Closed System Purge and Trap	SW846	EET BUF
7471B	Preparation, Mercury	SW846	EET BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: CHA Inc
Job ID: 480-230533-1
Project/Site: Fayette & Almond Street

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-230533-1	TP-1	Solid	06/20/25 08:00	06/21/25 09:30
480-230533-2	TP-2	Solid	06/20/25 08:45	06/21/25 09:30
480-230533-3	TP-3	Solid	06/20/25 09:25	06/21/25 09:30
480-230533-4	TP-4	Solid	06/20/25 10:00	06/21/25 09:30
480-230533-5	TP-5	Solid	06/20/25 10:45	06/21/25 09:30
480-230533-6	TP-6	Solid	06/20/25 11:25	06/21/25 09:30
480-230533-7	TP-7	Solid	06/20/25 12:40	06/21/25 09:30
480-230533-8	TP-8	Solid	06/20/25 13:20	06/21/25 09:30

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Syracuse eurofins Environment Testing

#225

Client Information	Sampler: Andrew Hodgens	Lab PM: Beninati, John	Carrier Tracking No(s):	COC No: 480-206074-41879.1
Client Contact: Mr. Andrew Hodgens	Phone: 315-414-8675	E-Mail: John.Beninati@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: CHA Inc	PWSID:			Job #: 086328
Address: One Park Place 300 South State Street, Suite 600	Due Date Requested: 6-27-25			
City: Syracuse	TAT Requested (days): *5 Day TAT*			
State, Zip: NY, 13202	Compliance Project: Δ Yes Δ No			
Phone: 315-228-0915(Tel)	PO #: 086328.000-03			
Email: ahodgens@chasolutions.com	WO #:			
Project Name: Fayette & Almond Street	Project #: 48028901			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D, 7471B, 8082A, 8270D	8260C - TCL VOCs	Total Number of containers	Special Instructions/Note:
		Preservation Code:					N	N		
TP-1	6.20.25	800	C	Solid			X	X		
TP-2		845		Solid						
TP-3		925		Solid						
TP-4		1000		Solid						
TP-5		1045		Solid						
TP-6		1125		Solid						
TP-7		1240		Solid						
TP-8		1320		Solid						

480-230533 Chain of Custody

Preservation Codes: N - None

Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by: Andrew Hodgens	6.20.25 1405	CHA	Received by:	6/20/25 1405	ES SYR
Relinquished by:	6/20/25 1600	ES-SYR	Received by: CWallace	6/21/25 0930	EURO
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.0 IR#5C

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: CHA Inc

Job Number: 480-230533-1

Login Number: 230533

List Source: Eurofins Buffalo

List Number: 1

Creator: Wallace, Cameron

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	CHA
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

ANALYTICAL REPORT

Lab Number:	L2578222
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	GEIGER TEST PIT SAMPLING
Project Number:	086328
Report Date:	12/11/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2578222-01	TP-9	SOIL	SYRACUSE, NY	12/09/25 09:40	12/09/25
L2578222-02	TP-10	SOIL	SYRACUSE, NY	12/09/25 10:20	12/09/25
L2578222-03	TP-11	SOIL	SYRACUSE, NY	12/09/25 10:45	12/09/25
L2578222-04	TP-12	SOIL	SYRACUSE, NY	12/09/25 11:15	12/09/25
L2578222-05	TP-13	SOIL	SYRACUSE, NY	12/09/25 11:45	12/09/25
L2578222-06	TP-14	SOIL	SYRACUSE, NY	12/09/25 12:30	12/09/25
L2578222-07	TP-15	SOIL	SYRACUSE, NY	12/09/25 13:00	12/09/25
L2578222-08	TP-16	SOIL	SYRACUSE, NY	12/09/25 13:40	12/09/25
L2578222-09	705-PIT-WATER	WATER	SYRACUSE, NY	12/09/25 14:30	12/09/25

Project Name:	GEIGER TEST PIT SAMPLING	**Lab Number:**	L2578222
Project Number:	086328	**Report Date:**	12/11/25

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 Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace'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 Pace Project Manager and made arrangements for Pace 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: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222
Project Number: 086328 **Report Date:** 12/11/25

Case Narrative (continued)

Report Submission
December 11, 2025: This final report includes the results of all requested analyses.
December 10, 2025: This is a preliminary report.

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

Volatile Organics
L2578222-09D: The pH was greater than 2; however, the sample was analyzed within the method required holding time.
L2578222-09D: The sample has elevated detection limits due to the dilution required by the sample matrix (oily).

Semivolatile Organics
L2578222-09D: The volume of sample received for the analysis deviates from the laboratory's current volume requirements. An aliquot was taken from the original sample container, extracted, analyzed, and reported accordingly.
L2578222-09D: The sample has elevated detection limits due to the dilution required by the sample matrix.
L2578222-09D: The surrogate recoveries are below the acceptance criteria for 2-fluorophenol (0%), phenol-d6 (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), 2,4,6-tribromophenol (0%), and 4-terphenyl-d14 (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.
The WG2151757-2/-3 LCS/LCSD recoveries associated with L2578222-09D are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated sample are reported.

Semivolatile Organics by SIM

Project Name:	GEIGER TEST PIT SAMPLING	**Lab Number:**	L2578222
Project Number:	086328	**Report Date:**	12/11/25

Case Narrative (continued)

L2578222-09D: The volume of sample received for the analysis deviates from the laboratory's current volume requirements. An aliquot was taken from the original sample container, extracted, analyzed, and reported accordingly.
L2578222-09D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Gasoline Range Organics
L2578222-09D: The pH of the sample was greater than 2.

Diesel Range Organics
L2578222-09D: The sample has an elevated detection limit due to the limited sample volume utilized during extraction, as required by the sample matrix.
L2578222-09D: The surrogate recovery is below the acceptance criteria for o-terphenyl (0%) due to the dilution required to quantitate the sample. Re-extraction was not required; therefore, the results of the original analysis are reported.

Total Metals
L2578222-01 through -09: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.
L2578222-09: The sample has elevated detection limits for all elements due to the prep dilution required by the sample matrix.

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 12/11/25

ORGANICS

VOLATILES

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-09 D
Client ID: 705-PIT-WATER
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 14:30
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 12/10/25 13:22
Analyst: MJV

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	ND		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
1,3-Dichloropropene, Total	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	ND		ug/l	50	14.	20
Vinyl chloride	ND		ug/l	20	1.4	20
Chloroethane	ND		ug/l	50	14.	20
1,1-Dichloroethene	ND		ug/l	10	3.4	20
trans-1,2-Dichloroethene	ND		ug/l	50	14.	20
Trichloroethene	ND		ug/l	10	3.5	20

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-09 D Date Collected: 12/09/25 14:30

Client ID: 705-PIT-WATER Date Received: 12/09/25

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						
1,2-Dichlorobenzene	ND		ug/l	50	14.	20
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	3.3	20
p/m-Xylene	ND		ug/l	50	14.	20
o-Xylene	ND		ug/l	50	14.	20
Xylenes, Total	ND		ug/l	50	14.	20
cis-1,2-Dichloroethene	ND		ug/l	50	14.	20
1,2-Dichloroethene, Total	ND		ug/l	50	14.	20
Styrene	ND		ug/l	50	14.	20
Dichlorodifluoromethane	ND		ug/l	100	20.	20
Acetone	250		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
n-Butylbenzene	ND		ug/l	50	14.	20
sec-Butylbenzene	ND		ug/l	50	14.	20
tert-Butylbenzene	ND		ug/l	50	14.	20
1,2-Dibromo-3-chloropropane	ND		ug/l	50	14.	20
Isopropylbenzene	ND		ug/l	50	14.	20
p-Isopropyltoluene	ND		ug/l	50	14.	20
Naphthalene	ND		ug/l	50	14.	20
n-Propylbenzene	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
1,3,5-Trimethylbenzene	ND		ug/l	50	14.	20
1,2,4-Trimethylbenzene	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

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-09 D Date Collected: 12/09/25 14:30

Client ID: 705-PIT-WATER Date Received: 12/09/25

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						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	121		70-130

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/10/25 08:51
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2152083-5					
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
1,3-Dichloropropene, Total	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

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/10/25 08:51
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2152083-5					
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
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, 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
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
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 12/10/25 08:51
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2152083-5					
tert-Butylbenzene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	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
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

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

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: WG2152083-3 WG2152083-4								
Methylene chloride	110		100		70-130	10		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	90		100		70-130	11		20
Dibromochloromethane	97		99		63-130	2		20
1,1,2-Trichloroethane	92		94		70-130	2		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	120		110		62-150	9		20
1,2-Dichloroethane	99		100		70-130	1		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	110		110		67-130	0		20
trans-1,3-Dichloropropene	86		90		70-130	5		20
cis-1,3-Dichloropropene	86		90		70-130	5		20
Bromoform	91		94		54-136	3		20
1,1,2,2-Tetrachloroethane	97		98		67-130	1		20
Benzene	110		110		70-130	0		20
Toluene	100		99		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

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: WG2152083-3 WG2152083-4								
Ethylbenzene	94		94		70-130	0		20
Chloromethane	110		93		64-130	17		20
Bromomethane	78		72		39-139	8		20
Vinyl chloride	96		87		55-140	10		20
Chloroethane	92		81		55-138	13		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	110		100		70-130	10		20
Trichloroethene	94		97		70-130	3		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	77		85		63-130	10		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	91		82		36-147	10		20
Acetone	100		97		58-148	3		20
Carbon disulfide	120		110		51-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

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: WG2152083-3 WG2152083-4								
2-Butanone	120		110		63-138	9		20
4-Methyl-2-pentanone	69		75		59-130	8		20
2-Hexanone	69		75		57-130	8		20
Bromochloromethane	120		110		70-130	9		20
1,2-Dibromoethane	97		99		70-130	2		20
n-Butylbenzene	96		99		53-136	3		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	88		90		70-130	2		20
1,2-Dibromo-3-chloropropane	94		97		41-144	3		20
Isopropylbenzene	87		89		70-130	2		20
p-Isopropyltoluene	91		94		70-130	3		20
Naphthalene	76		82		70-130	8		20
n-Propylbenzene	90		92		69-130	2		20
1,2,3-Trichlorobenzene	93		100		70-130	7		20
1,2,4-Trichlorobenzene	90		95		70-130	5		20
1,3,5-Trimethylbenzene	92		92		64-130	0		20
1,2,4-Trimethylbenzene	90		92		70-130	2		20
Methyl Acetate	100		110		70-130	10		20
Cyclohexane	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

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: WG2152083-3 WG2152083-4								
1,4-Dioxane	76		80		56-162	5		20
Freon-113	120		120		70-130	0		20
Methyl cyclohexane	84		84		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		100		70-130
Toluene-d8	97		96		70-130
4-Bromofluorobenzene	89		92		70-130
Dibromofluoromethane	107		104		70-130

SEMIVOLATILES

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-01
Client ID: TP-9
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 09:40
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/10/25 14:20
Analyst: JG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

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	190		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	180		ug/kg	120	23.	1
Benzo(a)pyrene	300		ug/kg	170	51.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-01 Date Collected: 12/09/25 09:40

Client ID: TP-9 Date Received: 12/09/25

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	440		ug/kg	120	35.	1
Benzo(k)fluoranthene	140		ug/kg	120	33.	1
Chrysene	230		ug/kg	120	22.	1
Acenaphthylene	ND		ug/kg	170	32.	1
Anthracene	42	J	ug/kg	120	40.	1
Benzo(ghi)perylene	750		ug/kg	170	24.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	71	J	ug/kg	120	25.	1
Dibenzo(a,h)anthracene	120		ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	380		ug/kg	170	29.	1
Pyrene	160		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	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: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-01 Date Collected: 12/09/25 09:40

Client ID: TP-9 Date Received: 12/09/25

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	83		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	64		18-120

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-02
Client ID: TP-10
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 10:20
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/10/25 14:23
Analyst: MRG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

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	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	46	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	39	J	ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-02 Date Collected: 12/09/25 10:20

Client ID: TP-10 Date Received: 12/09/25

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	53	J	ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	42	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	37	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	24	J	ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	33	J	ug/kg	150	26.	1
Pyrene	46	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	ND		ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-02 Date Collected: 12/09/25 10:20

Client ID: TP-10 Date Received: 12/09/25

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	57.	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	83		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	67		18-120

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-03
Client ID: TP-11
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 10:45
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/10/25 14:47
Analyst: MRG
Percent Solids: 81%

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	60	J	ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	1500		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	220	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	54	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	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	800		ug/kg	120	22.	1
Benzo(a)pyrene	770		ug/kg	160	49.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-03 Date Collected: 12/09/25 10:45

Client ID: TP-11 Date Received: 12/09/25

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	1100		ug/kg	120	34.	1
Benzo(k)fluoranthene	280		ug/kg	120	32.	1
Chrysene	830		ug/kg	120	21.	1
Acenaphthylene	78	J	ug/kg	160	31.	1
Anthracene	170		ug/kg	120	39.	1
Benzo(ghi)perylene	640		ug/kg	160	24.	1
Fluorene	50	J	ug/kg	200	19.	1
Phenanthrene	810		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	140		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	600		ug/kg	160	28.	1
Pyrene	1200		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	460	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	39.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	83.	1
Dibenzofuran	41	J	ug/kg	200	19.	1
2-Methylnaphthalene	24	J	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	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	82.	1
2,4-Dinitrophenol	ND		ug/kg	960	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	96.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	130	J	ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-03 Date Collected: 12/09/25 10:45

Client ID: TP-11 Date Received: 12/09/25

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	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		25-120
Phenol-d6	58		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	49		18-120

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-04
Client ID: TP-12
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 11:15
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/10/25 14:44
Analyst: JG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	35	J	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	990		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	35.	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	66	J	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	570		ug/kg	120	23.	1
Benzo(a)pyrene	500		ug/kg	170	51.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-04 Date Collected: 12/09/25 11:15

Client ID: TP-12 Date Received: 12/09/25

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	680		ug/kg	120	35.	1
Benzo(k)fluoranthene	200		ug/kg	120	33.	1
Chrysene	580		ug/kg	120	22.	1
Acenaphthylene	73	J	ug/kg	170	32.	1
Anthracene	140		ug/kg	120	40.	1
Benzo(ghi)perylene	280		ug/kg	170	24.	1
Fluorene	43	J	ug/kg	210	20.	1
Phenanthrene	620		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	76	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	290		ug/kg	170	29.	1
Pyrene	860		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	30	J	ug/kg	210	20.	1
2-Methylnaphthalene	37	J	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	68.	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	52	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-04 Date Collected: 12/09/25 11:15

Client ID: TP-12 Date Received: 12/09/25

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	84		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	62		30-120
2,4,6-Tribromophenol	61		10-136
4-Terphenyl-d14	57		18-120

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-05
Client ID: TP-13
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 11:45
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/10/25 12:19
Analyst: JG
Percent Solids: 80%

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	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	20.	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	740		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	35.	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	65	J	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	70.	1
Diethyl phthalate	ND		ug/kg	210	19.	1
Dimethyl phthalate	ND		ug/kg	210	44.	1
Benzo(a)anthracene	410		ug/kg	120	23.	1
Benzo(a)pyrene	310		ug/kg	170	51.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-05 Date Collected: 12/09/25 11:45

Client ID: TP-13 Date Received: 12/09/25

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	400		ug/kg	120	35.	1
Benzo(k)fluoranthene	120		ug/kg	120	33.	1
Chrysene	370		ug/kg	120	22.	1
Acenaphthylene	35	J	ug/kg	170	32.	1
Anthracene	290		ug/kg	120	40.	1
Benzo(ghi)perylene	150	J	ug/kg	170	24.	1
Fluorene	120	J	ug/kg	210	20.	1
Phenanthrene	890		ug/kg	120	25.	1
Dibenzo(a,h)anthracene	41	J	ug/kg	120	24.	1
Indeno(1,2,3-cd)pyrene	150	J	ug/kg	170	29.	1
Pyrene	610		ug/kg	120	21.	1
Biphenyl	ND		ug/kg	470	27.	1
4-Chloroaniline	ND		ug/kg	210	38.	1
2-Nitroaniline	ND		ug/kg	210	40.	1
3-Nitroaniline	ND		ug/kg	210	39.	1
4-Nitroaniline	ND		ug/kg	210	86.	1
Dibenzofuran	90	J	ug/kg	210	20.	1
2-Methylnaphthalene	54	J	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	68.	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	98	J	ug/kg	210	20.	1
Atrazine	ND		ug/kg	170	73.	1
Benzaldehyde	ND		ug/kg	270	56.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-05 Date Collected: 12/09/25 11:45

Client ID: TP-13 Date Received: 12/09/25

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	68		25-120
Phenol-d6	67		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	56		30-120
2,4,6-Tribromophenol	55		10-136
4-Terphenyl-d14	51		18-120

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-06
Client ID: TP-14
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 12:30
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/10/25 12:44
Analyst: JG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

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	190	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	470		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	310		ug/kg	110	21.	1
Benzo(a)pyrene	270		ug/kg	150	46.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-06 Date Collected: 12/09/25 12:30

Client ID: TP-14 Date Received: 12/09/25

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	340		ug/kg	110	31.	1
Benzo(k)fluoranthene	120		ug/kg	110	30.	1
Chrysene	300		ug/kg	110	19.	1
Acenaphthylene	40	J	ug/kg	150	29.	1
Anthracene	84	J	ug/kg	110	36.	1
Benzo(ghi)perylene	160		ug/kg	150	22.	1
Fluorene	18	J	ug/kg	190	18.	1
Phenanthrene	250		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	44	J	ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	150	26.	1
Pyrene	410		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	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	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	25	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	65.	1
Benzaldehyde	ND		ug/kg	250	50.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-06 Date Collected: 12/09/25 12:30

Client ID: TP-14 Date Received: 12/09/25

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	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	56		10-136
4-Terphenyl-d14	54		18-120

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-07
Client ID: TP-15
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 13:00
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/10/25 12:25
Analyst: MRG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	21	J	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	640		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	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	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	360		ug/kg	120	22.	1
Benzo(a)pyrene	320		ug/kg	150	47.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-07 Date Collected: 12/09/25 13:00

Client ID: TP-15 Date Received: 12/09/25

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	400		ug/kg	120	32.	1
Benzo(k)fluoranthene	130		ug/kg	120	31.	1
Chrysene	400		ug/kg	120	20.	1
Acenaphthylene	35	J	ug/kg	150	30.	1
Anthracene	130		ug/kg	120	37.	1
Benzo(ghi)perylene	200		ug/kg	150	22.	1
Fluorene	20	J	ug/kg	190	19.	1
Phenanthrene	310		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	51	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	200		ug/kg	150	27.	1
Pyrene	630		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	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	28	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-07 Date Collected: 12/09/25 13:00

Client ID: TP-15 Date Received: 12/09/25

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	42		25-120
Phenol-d6	43		10-120
Nitrobenzene-d5	48		23-120
2-Fluorobiphenyl	43		30-120
2,4,6-Tribromophenol	39		10-136
4-Terphenyl-d14	38		18-120

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-08
Client ID: TP-16
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 13:40
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 12/10/25 12:49
Analyst: MRG
Percent Solids: 89%

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

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	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	150		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	530	170	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	64.	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	63.	1
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	97	J	ug/kg	110	21.	1
Benzo(a)pyrene	93	J	ug/kg	150	45.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-08 Date Collected: 12/09/25 13:40

Client ID: TP-16 Date Received: 12/09/25

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	120		ug/kg	110	31.	1
Benzo(k)fluoranthene	32	J	ug/kg	110	30.	1
Chrysene	120		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	68	J	ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	86	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	63	J	ug/kg	150	26.	1
Pyrene	140		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	24.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	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	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	69.	1
4-Nitrophenol	ND		ug/kg	260	75.	1
2,4-Dinitrophenol	ND		ug/kg	880	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	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	50.	1

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-08 Date Collected: 12/09/25 13:40

Client ID: TP-16 Date Received: 12/09/25

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	68		25-120
Phenol-d6	72		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	65		30-120
2,4,6-Tribromophenol	64		10-136
4-Terphenyl-d14	56		18-120

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-09 D
Client ID: 705-PIT-WATER
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 14:30
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 12/10/25 12:51
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 12/10/25 05:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	100	20.	20
Bis(2-chloroethyl)ether	ND		ug/l	40	7.8	20
1,2-Dichlorobenzene	ND		ug/l	40	6.6	20
1,3-Dichlorobenzene	ND		ug/l	40	6.3	20
1,4-Dichlorobenzene	ND		ug/l	40	7.8	20
3,3'-Dichlorobenzidine	ND		ug/l	100	37.	20
2,4-Dinitrotoluene	ND		ug/l	100	11.	20
2,6-Dinitrotoluene	ND		ug/l	100	17.	20
4-Chlorophenyl phenyl ether	ND		ug/l	40	7.7	20
4-Bromophenyl phenyl ether	ND		ug/l	40	4.9	20
Bis(2-chloroisopropyl)ether	ND		ug/l	40	8.1	20
Bis(2-chloroethoxy)methane	ND		ug/l	100	17.	20
Hexachlorocyclopentadiene	ND		ug/l	400	25.	20
Isophorone	ND		ug/l	100	17.	20
Nitrobenzene	ND		ug/l	40	4.1	20
NDPA/DPA	ND		ug/l	40	18.	20
n-Nitrosodi-n-propylamine	ND		ug/l	100	18.	20
Bis(2-ethylhexyl)phthalate	1200		ug/l	60	28.	20
Butyl benzyl phthalate	ND		ug/l	100	52.	20
Di-n-butylphthalate	ND		ug/l	100	19.	20
Di-n-octylphthalate	ND		ug/l	100	45.	20
Diethyl phthalate	ND		ug/l	100	15.	20
Dimethyl phthalate	ND		ug/l	100	18.	20
Biphenyl	ND		ug/l	40	3.9	20
4-Chloroaniline	ND		ug/l	100	9.4	20
2-Nitroaniline	ND		ug/l	100	21.	20
3-Nitroaniline	ND		ug/l	100	23.	20
4-Nitroaniline	ND		ug/l	100	29.	20

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-09 D Date Collected: 12/09/25 14:30

Client ID: 705-PIT-WATER Date Received: 12/09/25

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						
Dibenzofuran	ND		ug/l	40	8.0	20
1,2,4,5-Tetrachlorobenzene	ND		ug/l	200	4.8	20
Acetophenone	ND		ug/l	100	18.	20
2,4,6-Trichlorophenol	ND		ug/l	100	42.	20
p-Chloro-m-cresol	ND		ug/l	40	12.	20
2-Chlorophenol	ND		ug/l	40	13.	20
2,4-Dichlorophenol	ND		ug/l	100	34.	20
2,4-Dimethylphenol	ND		ug/l	100	41.	20
2-Nitrophenol	ND		ug/l	200	39.	20
4-Nitrophenol	ND		ug/l	200	28.	20
2,4-Dinitrophenol	ND		ug/l	400	110	20
4,6-Dinitro-o-cresol	ND		ug/l	200	46.	20
Phenol	ND		ug/l	100	7.0	20
2-Methylphenol	ND		ug/l	100	46.	20
3-Methylphenol/4-Methylphenol	ND		ug/l	100	28.	20
2,4,5-Trichlorophenol	ND		ug/l	100	41.	20
Benzoic Acid	ND		ug/l	1000	52.	20
Benzyl Alcohol	ND		ug/l	40	7.6	20
Carbazole	ND		ug/l	40	6.2	20

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**0**	Q	21-120
Phenol-d6	**0**	Q	10-120
Nitrobenzene-d5	**0**	Q	23-120
2-Fluorobiphenyl	**0**	Q	15-120
2,4,6-Tribromophenol	**0**	Q	10-120
4-Terphenyl-d14	**0**	Q	41-149

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-09 D
Client ID: 705-PIT-WATER
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 14:30
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 12/10/25 10:25
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/10/25 05:01

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.50	0.12	5
2-Chloronaphthalene	ND		ug/l	1.0	0.11	5
Fluoranthene	9.6		ug/l	0.50	0.14	5
Hexachlorobutadiene	ND		ug/l	2.5	0.10	5
Naphthalene	ND		ug/l	0.50	0.12	5
Benzo(a)anthracene	2.4		ug/l	0.50	0.15	5
Benzo(a)pyrene	4.1		ug/l	0.50	0.12	5
Benzo(b)fluoranthene	8.8		ug/l	0.50	0.14	5
Benzo(k)fluoranthene	2.5		ug/l	0.50	0.17	5
Chrysene	3.8		ug/l	0.50	0.16	5
Acenaphthylene	ND		ug/l	0.50	0.10	5
Anthracene	ND		ug/l	0.50	0.12	5
Benzo(ghi)perylene	4.2		ug/l	0.50	0.12	5
Fluorene	1.6		ug/l	0.50	0.13	5
Phenanthrene	ND		ug/l	0.50	0.20	5
Dibenzo(a,h)anthracene	ND		ug/l	0.50	0.12	5
Indeno(1,2,3-cd)pyrene	3.6		ug/l	0.50	0.11	5
Pyrene	16		ug/l	0.50	0.21	5
2-Methylnaphthalene	ND		ug/l	0.50	0.14	5
Pentachlorophenol	ND		ug/l	4.0	0.28	5
Hexachlorobenzene	ND		ug/l	4.0	0.07	5
Hexachloroethane	ND		ug/l	4.0	0.11	5

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-09 D Date Collected: 12/09/25 14:30

Client ID: 705-PIT-WATER Date Received: 12/09/25

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	37		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	**266**	Q	23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	57		41-149

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/10/25 09:04
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 12/10/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2151757-1					
Acenaphthene	ND		ug/l	2.0	0.40
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.98
Hexachlorobenzene	ND		ug/l	2.0	0.45
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
2-Chloronaphthalene	ND		ug/l	2.0	0.35
1,2-Dichlorobenzene	ND		ug/l	2.0	0.33
1,3-Dichlorobenzene	ND		ug/l	2.0	0.32
1,4-Dichlorobenzene	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
Fluoranthene	ND		ug/l	2.0	0.41
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Hexachloroethane	ND		ug/l	2.0	0.20
Isophorone	ND		ug/l	5.0	0.86
Naphthalene	ND		ug/l	2.0	0.54
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/10/25 09:04
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 12/10/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2151757-1					
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.37
Benzo(b)fluoranthene	ND		ug/l	2.0	0.53
Benzo(k)fluoranthene	ND		ug/l	2.0	0.62
Chrysene	ND		ug/l	2.0	0.22
Acenaphthylene	ND		ug/l	2.0	0.32
Anthracene	ND		ug/l	2.0	0.47
Benzo(ghi)perylene	ND		ug/l	2.0	0.37
Fluorene	ND		ug/l	2.0	0.44
Phenanthrene	ND		ug/l	2.0	0.42
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.29
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.48
Pyrene	ND		ug/l	2.0	0.41
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/10/25 09:04
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 12/10/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2151757-1					
Dibenzofuran	ND		ug/l	2.0	0.40
2-Methylnaphthalene	ND		ug/l	2.0	0.37
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Pentachlorophenol	ND		ug/l	10	2.5
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.38
Carbazole	ND		ug/l	2.0	0.31

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/10/25 09:04
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 12/10/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG2151757-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	67		41-149

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/10/25 10:07
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/10/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09 Batch: WG2151758-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	ND		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 12/10/25 10:07
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 12/10/25 04:40

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 09 Batch: WG2151758-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	79		41-149

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/10/25 14:31
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2151785-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/10/25 14:31
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2151785-1					
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/10/25 14:31
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2151785-1					
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	220	44.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 12/10/25 14:31
Analyst: JG

Extraction Method: EPA 3546
Extraction Date: 12/10/25 04:54

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2151785-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	67		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG2151757-2 WG2151757-3								
Acenaphthene	78		75		37-111	4		30
1,2,4-Trichlorobenzene	58		63		39-98	8		30
Hexachlorobenzene	71		69		40-140	3		30
Bis(2-chloroethyl)ether	84		82		40-140	2		30
2-Chloronaphthalene	67		65		40-140	3		30
1,2-Dichlorobenzene	63		65		40-140	3		30
1,3-Dichlorobenzene	55		61		40-140	10		30
1,4-Dichlorobenzene	60		64		36-97	6		30
3,3'-Dichlorobenzidine	88		93		40-140	6		30
2,4-Dinitrotoluene	88		92		48-143	4		30
2,6-Dinitrotoluene	70		67		40-140	4		30
Fluoranthene	74		84		40-140	13		30
4-Chlorophenyl phenyl ether	66		68		40-140	3		30
4-Bromophenyl phenyl ether	64		70		40-140	9		30
Bis(2-chloroisopropyl)ether	68		73		40-140	7		30
Bis(2-chloroethoxy)methane	83		82		40-140	1		30
Hexachlorobutadiene	43		41		40-140	5		30
Hexachlorocyclopentadiene	40		42		40-140	5		30
Hexachloroethane	62		64		40-140	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG2151757-2 WG2151757-3								
Isophorone	83		88		40-140	6		30
Naphthalene	74		72		40-140	3		30
Nitrobenzene	86		90		40-140	5		30
NDPA/DPA	82		81		40-140	1		30
n-Nitrosodi-n-propylamine	86		86		29-132	0		30
Bis(2-ethylhexyl)phthalate	105		118		40-140	12		30
Butyl benzyl phthalate	96		97		40-140	1		30
Di-n-butylphthalate	91		95		40-140	4		30
Di-n-octylphthalate	98		112		40-140	13		30
Diethyl phthalate	86		88		40-140	2		30
Dimethyl phthalate	71		71		40-140	0		30
Benzo(a)anthracene	79		83		40-140	5		30
Benzo(a)pyrene	80		93		40-140	15		30
Benzo(b)fluoranthene	75		87		40-140	15		30
Benzo(k)fluoranthene	76		89		40-140	16		30
Chrysene	78		79		40-140	1		30
Acenaphthylene	72		71		45-123	1		30
Anthracene	81		81		40-140	0		30
Benzo(ghi)perylene	74		78		40-140	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG2151757-2 WG2151757-3								
Fluorene	79		81		40-140	3		30
Phenanthrene	78		79		40-140	1		30
Dibenzo(a,h)anthracene	80		84		40-140	5		30
Indeno(1,2,3-cd)pyrene	80		86		40-140	7		30
Pyrene	74		74		26-127	0		30
Biphenyl	65		65		40-140	0		30
4-Chloroaniline	63		70		40-140	11		30
2-Nitroaniline	87		85		52-143	2		30
3-Nitroaniline	94		89		25-145	5		30
4-Nitroaniline	96		104		51-143	8		30
Dibenzofuran	78		78		40-140	0		30
2-Methylnaphthalene	69		70		40-140	1		30
1,2,4,5-Tetrachlorobenzene	49		48		2-134	2		30
Acetophenone	80		88		39-129	10		30
2,4,6-Trichlorophenol	70		70		30-130	0		30
p-Chloro-m-cresol	81		86		23-97	6		30
2-Chlorophenol	81		86		27-123	6		30
2,4-Dichlorophenol	81		81		30-130	0		30
2,4-Dimethylphenol	86		88		30-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG2151757-2 WG2151757-3								
2-Nitrophenol	91		101		30-130	10		30
4-Nitrophenol	66		66		10-80	0		30
2,4-Dinitrophenol	51		54		20-130	6		30
4,6-Dinitro-o-cresol	67		72		20-164	7		30
Pentachlorophenol	84		88		9-103	5		30
Phenol	52		59		12-110	13		30
2-Methylphenol	86		90		30-130	5		30
3-Methylphenol/4-Methylphenol	84		80		30-130	5		30
2,4,5-Trichlorophenol	68		73		30-130	7		30
Benzoic Acid	**0**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	82		83		26-116	1		30
Carbazole	87		88		55-144	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG2151757-2 WG2151757-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	61		67		21-120
Phenol-d6	47		48		10-120
Nitrobenzene-d5	80		81		23-120
2-Fluorobiphenyl	55		57		15-120
2,4,6-Tribromophenol	68		68		10-120
4-Terphenyl-d14	60		61		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 09		Batch: WG2151758-2 WG2151758-3					
Acenaphthene	70		71		40-140	1		40
2-Chloronaphthalene	71		68		40-140	4		40
Fluoranthene	74		75		40-140	1		40
Hexachlorobutadiene	48		40		40-140	18		40
Naphthalene	65		61		40-140	6		40
Benzo(a)anthracene	70		71		40-140	1		40
Benzo(a)pyrene	78		80		40-140	3		40
Benzo(b)fluoranthene	81		84		40-140	4		40
Benzo(k)fluoranthene	77		78		40-140	1		40
Chrysene	70		71		40-140	1		40
Acenaphthylene	74		68		40-140	8		40
Anthracene	71		72		40-140	1		40
Benzo(ghi)perylene	74		75		40-140	1		40
Fluorene	74		74		40-140	0		40
Phenanthrene	74		75		40-140	1		40
Dibenzo(a,h)anthracene	87		88		40-140	1		40
Indeno(1,2,3-cd)pyrene	82		85		40-140	4		40
Pyrene	72		73		40-140	1		40
2-Methylnaphthalene	69		68		40-140	1		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab	Associated sample(s): 09		Batch: WG2151758-2 WG2151758-3					
Pentachlorophenol	103		106		40-140	3		40
Hexachlorobenzene	66		68		40-140	3		40
Hexachloroethane	54		55		40-140	2		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		61		21-120
Phenol-d6	43		46		10-120
Nitrobenzene-d5	109		117		23-120
2-Fluorobiphenyl	64		66		15-120
2,4,6-Tribromophenol	79		81		10-120
4-Terphenyl-d14	69		70		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2151785-2 WG2151785-3								
Acenaphthene	64		67		31-137	5		50
Hexachlorobenzene	65		66		40-140	2		50
Bis(2-chloroethyl)ether	60		63		40-140	5		50
2-Chloronaphthalene	77		80		40-140	4		50
3,3'-Dichlorobenzidine	50		52		40-140	4		50
2,4-Dinitrotoluene	79		81		40-132	3		50
2,6-Dinitrotoluene	90		92		40-140	2		50
Fluoranthene	73		74		40-140	1		50
4-Chlorophenyl phenyl ether	69		72		40-140	4		50
4-Bromophenyl phenyl ether	67		69		40-140	3		50
Bis(2-chloroisopropyl)ether	57		59		40-140	3		50
Bis(2-chloroethoxy)methane	63		64		40-117	2		50
Hexachlorobutadiene	72		78		40-140	8		50
Hexachlorocyclopentadiene	64		67		40-140	5		50
Hexachloroethane	64		66		40-140	3		50
Isophorone	63		63		40-140	0		50
Naphthalene	69		70		40-140	1		50
Nitrobenzene	67		68		40-140	1		50
NDPA/DPA	70		71		36-157	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2151785-2 WG2151785-3								
n-Nitrosodi-n-propylamine	63		65		32-121	3		50
Bis(2-ethylhexyl)phthalate	78		81		40-140	4		50
Butyl benzyl phthalate	76		77		40-140	1		50
Di-n-butylphthalate	70		73		40-140	4		50
Di-n-octylphthalate	79		82		40-140	4		50
Diethyl phthalate	69		70		40-140	1		50
Dimethyl phthalate	80		81		40-140	1		50
Benzo(a)anthracene	75		78		40-140	4		50
Benzo(a)pyrene	77		79		40-140	3		50
Benzo(b)fluoranthene	74		82		40-140	10		50
Benzo(k)fluoranthene	77		72		40-140	7		50
Chrysene	74		76		40-140	3		50
Acenaphthylene	81		83		40-140	2		50
Anthracene	69		71		40-140	3		50
Benzo(ghi)perylene	68		70		40-140	3		50
Fluorene	69		70		40-140	1		50
Phenanthrene	67		70		40-140	4		50
Dibenzo(a,h)anthracene	71		74		40-140	4		50
Indeno(1,2,3-cd)pyrene	70		72		40-140	3		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2151785-2 WG2151785-3								
Pyrene	72		74		35-142	3		50
Biphenyl	80		82		37-127	2		50
4-Chloroaniline	62		65		40-140	5		50
2-Nitroaniline	90		91		47-134	1		50
3-Nitroaniline	53		55		26-129	4		50
4-Nitroaniline	72		71		41-125	1		50
Dibenzofuran	68		70		40-140	3		50
2-Methylnaphthalene	73		75		40-140	3		50
1,2,4,5-Tetrachlorobenzene	81		85		40-117	5		50
Acetophenone	68		70		14-144	3		50
2,4,6-Trichlorophenol	92		92		30-130	0		50
p-Chloro-m-cresol	78		79		26-103	1		50
2-Chlorophenol	68		70		25-102	3		50
2,4-Dichlorophenol	81		81		30-130	0		50
2,4-Dimethylphenol	75		75		30-130	0		50
2-Nitrophenol	85		86		30-130	1		50
4-Nitrophenol	76		78		11-114	3		50
2,4-Dinitrophenol	82		76		4-130	8		50
4,6-Dinitro-o-cresol	99		100		10-130	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2151785-2 WG2151785-3								
Pentachlorophenol	79		79		17-109	0		50
Phenol	67		68		26-90	1		50
2-Methylphenol	70		71		30-130	1		50
3-Methylphenol/4-Methylphenol	77		76		30-130	1		50
2,4,5-Trichlorophenol	89		93		30-130	4		50
Carbazole	70		72		54-128	3		50
Atrazine	80		81		40-140	1		50
Benzaldehyde	59		62		40-140	5		50
Caprolactam	68		70		15-130	3		50
2,3,4,6-Tetrachlorophenol	79		82		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	66		67		25-120
Phenol-d6	67		67		10-120
Nitrobenzene-d5	66		67		23-120
2-Fluorobiphenyl	75		77		30-120
2,4,6-Tribromophenol	73		73		10-136
4-Terphenyl-d14	67		68		18-120

PETROLEUM HYDROCARBONS

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-09 D
Client ID: 705-PIT-WATER
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 14:30
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 12/10/25 14:39
Analyst: BAD

Extraction Method:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Gasoline Range Organics - Westborough Lab						
Gasoline Range Organics	1100000		ug/l	100000	12000	2000

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	96		70-130
4-Bromofluorobenzene	81		70-130

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-09 D
Client ID: 705-PIT-WATER
Sample Location: SYRACUSE, NY

Date Collected: 12/09/25 14:30
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8015D(M)
Analytical Date: 12/10/25 15:11
Analyst: ALL

Extraction Method: EPA 3510C
Extraction Date: 12/10/25 10:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Diesel Range Organics - Westborough Lab						
DRO (C10-C28)	6000000		ug/l	500000	71000	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	**0**	Q	40-140

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 12/10/25 10:21
Analyst: MTC

Extraction Method: EPA 3510C
Extraction Date: 12/10/25 06:01

Parameter	Result	Qualifier	Units	RL	MDL
Diesel Range Organics - Westborough Lab for sample(s): 09 Batch: WG2151788-1					
DRO (C10-C28)	ND		ug/l	500	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
o-Terphenyl	73		40-140

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M)
Analytical Date: 12/10/25 11:00
Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
Gasoline Range Organics - Westborough Lab for sample(s): 09 Batch: WG2152145-4					
Gasoline Range Organics	18	J	ug/l	50	5.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,1,1-Trifluorotoluene	90		70-130
4-Bromofluorobenzene	86		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Diesel Range Organics - Westborough Lab	Associated sample(s): 09		Batch: WG2151788-2					
DRO (C10-C28)	115		-		60-140	-		

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
o-Terphenyl	76				40-140

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Gasoline Range Organics - Westborough Lab Associated sample(s): 09 Batch: WG2152145-2 WG2152145-3								
Gasoline Range Organics	89		92		80-120	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,1,1-Trifluorotoluene	104		104		70-130
4-Bromofluorobenzene	92		97		70-130

METALS

Project Name: GEIGER TEST PIT SAMPLING
Lab Number: L2578222
Project Number: 086328
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-01
Client ID: TP-9
Sample Location: SYRACUSE, NY
Date Collected: 12/09/25 09:40
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	7.02		mg/kg	0.990	0.427	2	12/10/25 13:58	12/10/25 17:29	EPA 3050B	1,6010D	MJR
Barium, Total	655		mg/kg	0.990	0.105	2	12/10/25 13:58	12/10/25 17:29	EPA 3050B	1,6010D	MJR
Cadmium, Total	ND		mg/kg	0.990	0.054	2	12/10/25 13:58	12/10/25 17:29	EPA 3050B	1,6010D	MJR
Chromium, Total	17.0		mg/kg	0.990	0.839	2	12/10/25 13:58	12/10/25 17:29	EPA 3050B	1,6010D	MJR
Lead, Total	478		mg/kg	4.95	0.236	2	12/10/25 13:58	12/10/25 17:29	EPA 3050B	1,6010D	MJR
Mercury, Total	1.33		mg/kg	0.098	0.064	1	12/10/25 12:02	12/10/25 14:07	EPA 7471B	1,7471B	ALC
Selenium, Total	ND		mg/kg	3.96	0.651	4	12/10/25 13:58	12/10/25 21:27	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.495	0.295	2	12/10/25 13:58	12/10/25 17:29	EPA 3050B	1,6010D	MJR

Project Name: GEIGER TEST PIT SAMPLING
Lab Number: L2578222
Project Number: 086328
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-02
Client ID: TP-10
Sample Location: SYRACUSE, NY
Date Collected: 12/09/25 10:20
Date Received: 12/09/25
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	3.19		mg/kg	0.873	0.377	2	12/10/25 13:58	12/10/25 17:32	EPA 3050B	1,6010D	MJR
Barium, Total	62.3		mg/kg	0.873	0.093	2	12/10/25 13:58	12/10/25 17:32	EPA 3050B	1,6010D	MJR
Cadmium, Total	ND		mg/kg	0.873	0.048	2	12/10/25 13:58	12/10/25 17:32	EPA 3050B	1,6010D	MJR
Chromium, Total	8.80		mg/kg	0.873	0.740	2	12/10/25 13:58	12/10/25 17:32	EPA 3050B	1,6010D	MJR
Lead, Total	25.7		mg/kg	4.36	0.208	2	12/10/25 13:58	12/10/25 17:32	EPA 3050B	1,6010D	MJR
Mercury, Total	0.126		mg/kg	0.086	0.056	1	12/10/25 12:02	12/10/25 14:10	EPA 7471B	1,7471B	ALC
Selenium, Total	ND		mg/kg	3.49	0.574	4	12/10/25 13:58	12/10/25 21:32	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.436	0.260	2	12/10/25 13:58	12/10/25 17:32	EPA 3050B	1,6010D	MJR

Project Name: GEIGER TEST PIT SAMPLING
Lab Number: L2578222
Project Number: 086328
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-03
Client ID: TP-11
Sample Location: SYRACUSE, NY
Date Collected: 12/09/25 10:45
Date Received: 12/09/25
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	9.21		mg/kg	0.962	0.416	2	12/10/25 13:58	12/10/25 17:34	EPA 3050B	1,6010D	MJR
Barium, Total	184		mg/kg	0.962	0.102	2	12/10/25 13:58	12/10/25 17:34	EPA 3050B	1,6010D	MJR
Cadmium, Total	0.699	J	mg/kg	0.962	0.053	2	12/10/25 13:58	12/10/25 17:34	EPA 3050B	1,6010D	MJR
Chromium, Total	18.8		mg/kg	0.962	0.816	2	12/10/25 13:58	12/10/25 17:34	EPA 3050B	1,6010D	MJR
Lead, Total	423		mg/kg	4.81	0.229	2	12/10/25 13:58	12/10/25 17:34	EPA 3050B	1,6010D	MJR
Mercury, Total	0.314		mg/kg	0.082	0.054	1	12/10/25 12:02	12/10/25 14:13	EPA 7471B	1,7471B	ALC
Selenium, Total	ND		mg/kg	3.85	0.633	4	12/10/25 13:58	12/10/25 22:19	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.481	0.287	2	12/10/25 13:58	12/10/25 17:34	EPA 3050B	1,6010D	MJR

Project Name: GEIGER TEST PIT SAMPLING
Lab Number: L2578222
Project Number: 086328
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-04
Client ID: TP-12
Sample Location: SYRACUSE, NY
Date Collected: 12/09/25 11:15
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	10.5		mg/kg	0.998	0.431	2	12/10/25 13:58	12/10/25 17:36	EPA 3050B	1,6010D	MJR
Barium, Total	230		mg/kg	0.998	0.106	2	12/10/25 13:58	12/10/25 17:36	EPA 3050B	1,6010D	MJR
Cadmium, Total	0.336	J	mg/kg	0.998	0.055	2	12/10/25 13:58	12/10/25 17:36	EPA 3050B	1,6010D	MJR
Chromium, Total	23.6		mg/kg	0.998	0.846	2	12/10/25 13:58	12/10/25 17:36	EPA 3050B	1,6010D	MJR
Lead, Total	561		mg/kg	4.99	0.237	2	12/10/25 13:58	12/10/25 17:36	EPA 3050B	1,6010D	MJR
Mercury, Total	2.57		mg/kg	0.102	0.066	1	12/10/25 12:02	12/10/25 14:16	EPA 7471B	1,7471B	ALC
Selenium, Total	ND		mg/kg	2.00	0.328	2	12/10/25 13:58	12/10/25 21:43	EPA 3050B	1,6010D	JNW
Silver, Total	1.54		mg/kg	0.499	0.297	2	12/10/25 13:58	12/10/25 17:36	EPA 3050B	1,6010D	MJR

Project Name: GEIGER TEST PIT SAMPLING
Lab Number: L2578222
Project Number: 086328
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-05
Client ID: TP-13
Sample Location: SYRACUSE, NY
Date Collected: 12/09/25 11:45
Date Received: 12/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 80%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	8.31		mg/kg	0.947	0.409	2	12/10/25 13:58	12/10/25 17:38	EPA 3050B	1,6010D	MJR
Barium, Total	171		mg/kg	0.947	0.100	2	12/10/25 13:58	12/10/25 17:38	EPA 3050B	1,6010D	MJR
Cadmium, Total	ND		mg/kg	0.947	0.052	2	12/10/25 13:58	12/10/25 17:38	EPA 3050B	1,6010D	MJR
Chromium, Total	13.2		mg/kg	0.947	0.803	2	12/10/25 13:58	12/10/25 17:38	EPA 3050B	1,6010D	MJR
Lead, Total	325		mg/kg	4.74	0.225	2	12/10/25 13:58	12/10/25 17:38	EPA 3050B	1,6010D	MJR
Mercury, Total	0.268		mg/kg	0.100	0.065	1	12/10/25 12:02	12/10/25 14:26	EPA 7471B	1,7471B	ALC
Selenium, Total	ND		mg/kg	3.79	0.623	4	12/10/25 13:58	12/10/25 21:48	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.474	0.282	2	12/10/25 13:58	12/10/25 17:38	EPA 3050B	1,6010D	MJR

Project Name: GEIGER TEST PIT SAMPLING
Lab Number: L2578222
Project Number: 086328
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-06
Client ID: TP-14
Sample Location: SYRACUSE, NY
Date Collected: 12/09/25 12:30
Date Received: 12/09/25
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	5.84		mg/kg	0.886	0.383	2	12/10/25 13:58	12/10/25 17:40	EPA 3050B	1,6010D	MJR
Barium, Total	165		mg/kg	0.886	0.094	2	12/10/25 13:58	12/10/25 17:40	EPA 3050B	1,6010D	MJR
Cadmium, Total	ND		mg/kg	0.886	0.049	2	12/10/25 13:58	12/10/25 17:40	EPA 3050B	1,6010D	MJR
Chromium, Total	11.3		mg/kg	0.886	0.752	2	12/10/25 13:58	12/10/25 17:40	EPA 3050B	1,6010D	MJR
Lead, Total	360		mg/kg	4.43	0.211	2	12/10/25 13:58	12/10/25 17:40	EPA 3050B	1,6010D	MJR
Mercury, Total	0.271		mg/kg	0.085	0.055	1	12/10/25 12:02	12/10/25 14:30	EPA 7471B	1,7471B	ALC
Selenium, Total	ND		mg/kg	3.54	0.583	4	12/10/25 13:58	12/10/25 22:04	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.443	0.264	2	12/10/25 13:58	12/10/25 17:40	EPA 3050B	1,6010D	MJR

Project Name: GEIGER TEST PIT SAMPLING
Lab Number: L2578222
Project Number: 086328
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-07
Client ID: TP-15
Sample Location: SYRACUSE, NY
Date Collected: 12/09/25 13:00
Date Received: 12/09/25
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	3.74		mg/kg	0.922	0.398	2	12/10/25 13:58	12/10/25 17:43	EPA 3050B	1,6010D	MJR
Barium, Total	59.5		mg/kg	0.922	0.098	2	12/10/25 13:58	12/10/25 17:43	EPA 3050B	1,6010D	MJR
Cadmium, Total	ND		mg/kg	0.922	0.051	2	12/10/25 13:58	12/10/25 17:43	EPA 3050B	1,6010D	MJR
Chromium, Total	6.20		mg/kg	0.922	0.782	2	12/10/25 13:58	12/10/25 17:43	EPA 3050B	1,6010D	MJR
Lead, Total	144		mg/kg	4.61	0.219	2	12/10/25 13:58	12/10/25 17:43	EPA 3050B	1,6010D	MJR
Mercury, Total	0.215		mg/kg	0.094	0.061	1	12/10/25 12:02	12/10/25 14:33	EPA 7471B	1,7471B	ALC
Selenium, Total	ND		mg/kg	9.22	1.52	10	12/10/25 13:58	12/10/25 22:09	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.461	0.275	2	12/10/25 13:58	12/10/25 17:43	EPA 3050B	1,6010D	MJR

Project Name: GEIGER TEST PIT SAMPLING
Lab Number: L2578222
Project Number: 086328
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-08
Client ID: TP-16
Sample Location: SYRACUSE, NY
Date Collected: 12/09/25 13:40
Date Received: 12/09/25
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	4.64		mg/kg	0.866	0.374	2	12/10/25 13:58	12/10/25 17:45	EPA 3050B	1,6010D	MJR
Barium, Total	82.3		mg/kg	0.866	0.092	2	12/10/25 13:58	12/10/25 17:45	EPA 3050B	1,6010D	MJR
Cadmium, Total	ND		mg/kg	0.866	0.048	2	12/10/25 13:58	12/10/25 17:45	EPA 3050B	1,6010D	MJR
Chromium, Total	13.6		mg/kg	0.866	0.734	2	12/10/25 13:58	12/10/25 17:45	EPA 3050B	1,6010D	MJR
Lead, Total	81.4		mg/kg	4.33	0.206	2	12/10/25 13:58	12/10/25 17:45	EPA 3050B	1,6010D	MJR
Mercury, Total	0.176		mg/kg	0.091	0.059	1	12/10/25 12:02	12/10/25 14:36	EPA 7471B	1,7471B	ALC
Selenium, Total	ND		mg/kg	3.46	0.570	4	12/10/25 13:58	12/10/25 22:14	EPA 3050B	1,6010D	JNW
Silver, Total	ND		mg/kg	0.433	0.258	2	12/10/25 13:58	12/10/25 17:45	EPA 3050B	1,6010D	MJR

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-09 Date Collected: 12/09/25 14:30

Client ID: 705-PIT-WATER Date Received: 12/09/25

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	0.1413		mg/l	0.02500	0.00825	5	12/10/25 08:44	12/10/25 13:10	EPA 3005A	1,6020B	NDD
Barium, Total	58.33		mg/l	0.5000	0.1730	100	12/10/25 08:44	12/10/25 13:33	EPA 3005A	1,6020B	NDD
Cadmium, Total	0.08084		mg/l	0.01000	0.00299	5	12/10/25 08:44	12/10/25 13:10	EPA 3005A	1,6020B	NDD
Chromium, Total	7.099		mg/l	0.05000	0.00890	5	12/10/25 08:44	12/10/25 13:10	EPA 3005A	1,6020B	NDD
Lead, Total	4.702		mg/l	0.05000	0.01715	5	12/10/25 08:44	12/10/25 13:10	EPA 3005A	1,6020B	NDD
Mercury, Total	0.00549		mg/l	0.00200	0.00091	1	12/10/25 09:41	12/10/25 14:54	EPA 7470A	1,7470A	ALC
Selenium, Total	0.405		mg/l	0.250	0.0865	5	12/10/25 08:44	12/10/25 13:10	EPA 3005A	1,6020B	NDD
Silver, Total	ND		mg/l	0.02000	0.00815	5	12/10/25 08:44	12/10/25 13:10	EPA 3005A	1,6020B	NDD

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG2151795-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/10/25 12:02	12/10/25 13:07	1,7471B	ALC

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): 09 Batch: WG2151863-1										
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	12/10/25 08:44	12/10/25 12:27	1,6020B	NDD
Barium, Total	ND		mg/l	0.00050	0.00017	1	12/10/25 08:44	12/10/25 12:27	1,6020B	NDD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	12/10/25 08:44	12/10/25 12:27	1,6020B	NDD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	12/10/25 08:44	12/10/25 12:27	1,6020B	NDD
Lead, Total	ND		mg/l	0.00100	0.00034	1	12/10/25 08:44	12/10/25 12:27	1,6020B	NDD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	12/10/25 08:44	12/10/25 12:27	1,6020B	NDD
Silver, Total	ND		mg/l	0.00040	0.00016	1	12/10/25 08:44	12/10/25 12:27	1,6020B	NDD

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): 09 Batch: WG2151868-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	12/10/25 09:41	12/10/25 13:23	1,7470A	ALC

Prep Information

Digestion Method: EPA 7470A

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG2152063-1										
Arsenic, Total	ND		mg/kg	0.400	0.173	1	12/10/25 13:58	12/10/25 16:32	1,6010D	JNW
Barium, Total	ND		mg/kg	0.400	0.042	1	12/10/25 13:58	12/10/25 16:32	1,6010D	JNW
Cadmium, Total	ND		mg/kg	0.400	0.022	1	12/10/25 13:58	12/10/25 16:32	1,6010D	JNW
Chromium, Total	ND		mg/kg	0.400	0.339	1	12/10/25 13:58	12/10/25 16:32	1,6010D	JNW
Lead, Total	ND		mg/kg	2.00	0.095	1	12/10/25 13:58	12/10/25 16:32	1,6010D	JNW
Selenium, Total	ND		mg/kg	0.800	0.132	1	12/10/25 13:58	12/10/25 16:32	1,6010D	JNW
Silver, Total	ND		mg/kg	0.200	0.119	1	12/10/25 13:58	12/10/25 16:32	1,6010D	JNW

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG2151795-2								
Mercury, Total	100		-		80-120	-		20
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG2151863-2								
Arsenic, Total	100		-		80-120	-		
Barium, Total	98		-		80-120	-		
Cadmium, Total	99		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Lead, Total	93		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	87		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG2151868-2								
Mercury, Total	101		-		80-120	-		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG2152063-2					
Arsenic, Total	101	-	80-120	-	20
Barium, Total	104	-	80-120	-	20
Cadmium, Total	97	-	80-120	-	20
Chromium, Total	99	-	80-120	-	20
Lead, Total	102	-	80-120	-	20
Selenium, Total	101	-	80-120	-	20
Silver, Total	88	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG2151795-3 QC Sample: L2577576-02 Client ID: MS Sample												
Mercury, Total	0.475	1.73	2.20	100		-	-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG2151863-3 WG2151863-4 QC Sample: L2576977-01 Client ID: MS Sample												
Arsenic, Total	0.00102	0.12	0.1289	106		0.1267	105		75-125	2		20
Barium, Total	0.06863	2	2.123	103		2.081	101		75-125	2		20
Cadmium, Total	0.00007J	0.053	0.05460	103		0.05414	102		75-125	1		20
Chromium, Total	0.00148	0.2	0.2051	102		0.2032	101		75-125	1		20
Lead, Total	0.07768	0.53	0.5906	97		0.5720	93		75-125	3		20
Selenium, Total	ND	0.12	0.129	108		0.126	105		75-125	2		20
Silver, Total	ND	0.05	0.04526	90		0.04487	90		75-125	1		20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG2151868-3 WG2151868-4 QC Sample: L2576977-01 Client ID: MS Sample												
Mercury, Total	0.00017J	0.005	0.00516	103		0.00504	101		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG2152063-3 QC Sample: L2577576-02 Client ID: MS Sample												
Arsenic, Total	2.20	11.1	13.5	102		-	-		75-125	-		
Barium, Total	120	185	227	**58**	Q	-	-		75-125	-		
Cadmium, Total	0.087J	4.91	4.65	95		-	-		75-125	-		
Chromium, Total	12.2	18.5	30.6	99		-	-		75-125	-		
Lead, Total	151	49.1	103	**0**	Q	-	-		75-125	-		
Selenium, Total	0.374J	11.1	11.6	104		-	-		75-125	-		
Silver, Total	ND	4.63	4.46	96		-	-		75-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING

Project Number: 086328

Lab Number: L2578222

Report Date: 12/11/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG2151795-4 QC Sample: L2577576-02 Client ID: DUP Sample						
Mercury, Total	0.475	0.302	mg/kg	**45**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG2152063-4 QC Sample: L2577576-02 Client ID: DUP Sample						
Arsenic, Total	2.20	2.68	mg/kg	20		20
Barium, Total	120	50.7	mg/kg	**81**	Q	20
Cadmium, Total	0.087J	0.085J	mg/kg	NC		20
Chromium, Total	12.2	13.9	mg/kg	13		20
Lead, Total	151	63.8	mg/kg	**81**	Q	20
Selenium, Total	0.374J	0.608J	mg/kg	NC		20
Silver, Total	ND	0.603	mg/kg	NC		20

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2578222
Report Date: 12/11/25

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG2151863-6 QC Sample: L2576977-01 Client ID: DUP Sample						
Barium, Total	0.06863	0.06837	mg/l	0		20
Lead, Total	0.07768	0.07297	mg/l	6		20

INORGANICS
&
MISCELLANEOUS

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-01
Client ID: TP-9
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/09/25 09:40
Date Received: 12/09/25
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	-	12/10/25 04:32	121,2540G	JMN

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-02
Client ID: TP-10
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/09/25 10:20
Date Received: 12/09/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.9		%	0.100	NA	1	-	12/10/25 04:32	121,2540G	JMN

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-03
Client ID: TP-11
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/09/25 10:45
Date Received: 12/09/25
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	81.4		%	0.100	NA	1	-	12/10/25 04:32	121,2540G	JMN

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-04
Client ID: TP-12
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/09/25 11:15
Date Received: 12/09/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.6		%	0.100	NA	1	-	12/10/25 04:32	121,2540G	JMN

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-05
Client ID: TP-13
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/09/25 11:45
Date Received: 12/09/25
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	79.9		%	0.100	NA	1	-	12/10/25 04:32	121,2540G	JMN

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-06
Client ID: TP-14
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/09/25 12:30
Date Received: 12/09/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.9		%	0.100	NA	1	-	12/10/25 04:32	121,2540G	JMN

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-07
Client ID: TP-15
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/09/25 13:00
Date Received: 12/09/25
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	-	12/10/25 04:32	121,2540G	JMN

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328
Lab Number: L2578222
Report Date: 12/11/25

SAMPLE RESULTS

Lab ID: L2578222-08
Client ID: TP-16
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 12/09/25 13:40
Date Received: 12/09/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.5		%	0.100	NA	1	-	12/10/25 04:32	121,2540G	JMN

Lab Duplicate Analysis

Batch Quality Control

Project Name: GEIGER TEST PIT SAMPLING

Project Number: 086328

Lab Number: L2578222

Report Date: 12/11/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG2151776-1 QC Sample: L2578222-01 Client ID: TP-9						
Solids, Total	79.7	79.2	%	1		10

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

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(*)
L2578222-01A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2578222-01B	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			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)
L2578222-01C	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)
L2578222-02A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2578222-02B	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			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)
L2578222-02C	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)
L2578222-03A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2578222-03B	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			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)
L2578222-03C	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)
L2578222-04A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2578222-04B	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			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)
L2578222-04C	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)
L2578222-05A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2578222-05B	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			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)
L2578222-05C	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)
L2578222-06A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2578222-06B	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			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)
L2578222-06C	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)
L2578222-07A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2578222-07B	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			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)
L2578222-07C	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)
L2578222-08A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2578222-08B	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			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)
L2578222-08C	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14)
L2578222-09A	Vial HCl preserved	NA	NA			Y	Absent		TPH-GRO(14)
L2578222-09B	Vial HCl preserved	NA	NA			Y	Absent		TPH-GRO(14)
L2578222-09C	Vial HCl preserved	NA	NA			Y	Absent		TPH-GRO(14)
L2578222-09D	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2578222-09E	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2578222-09F	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2578222-09G	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2578222-09H	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2578222-09I	Plastic 250ml HNO3 preserved	NA	<2	<2		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)
L2578222-09J	Amber 1L unpreserved	NA	NA			Y	Absent		TPH-DRO(7)
L2578222-09K	Vial Large Septa unpreserved (4oz)	NA	NA			Y	Absent		ARCHIVE()
L2578222-09L	Vial Large Septa unpreserved (4oz)	NA	NA			Y	Absent		ARCHIVE()

Container Comments

*Values in parentheses indicate holding time in days

Project Name: GEIGER TEST PIT SAMPLING
Project Number: 086328

Lab Number: L2578222
Report Date: 12/11/25

Container Information

Container ID	***Container Type***	***Cooler***	***Initial pH***	***Final pH***	***Temp deg C***	***Pres***	***Seal***	***Frozen Date/Time***	***Analysis(*)***

Container Comments

L2578222-09G	250mL Amber
L2578222-09H	250mL Amber
L2578222-09I	Matrix stained or bleached pH paper; cannot read pH.
L2578222-09K	Extra volume
L2578222-09L	Extra volume

*Values in parentheses indicate holding time in days

Project Name:	GEIGER TEST PIT SAMPLING	**Lab Number:**	L2578222
Project Number:	086328	**Report Date:**	12/11/25

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:	GEIGER TEST PIT SAMPLING	**Lab Number:**	L2578222
Project Number:	086328	**Report Date:**	12/11/25

Footnotes

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

Terms

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

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

Project Name:	GEIGER TEST PIT SAMPLING	**Lab Number:**	L2578222
Project Number:	086328	**Report Date:**	12/11/25

Data Qualifiers

estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: GEIGER TEST PIT SAMPLING **Lab Number:** L2578222

Project Number: 086328 **Report Date:** 12/11/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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 – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 1

Date Rec'd in Lab: 12/10/25

ALPHA Job #: L2578222

Client Information
Client: CHA Consulting
Address: 300 S. State Street
Syracuse, NY 13202
Phone: 315-257-7250
Fax:
Email: smiller@chasolutions

Project Information
Project Name: Geiger Test Pit Sampling
Project Location: Syracuse, NY
Project #: 086328
(Use Project name as Project #) ☐
Project Manager: Sam Miller
ALPHAQuote #: 00198341

Turn-Around Time
Standard ☐ Due Date: 12-11-25
Rush (only if pre approved) ☒ # of Days: 1 Day TAT

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 #: 08632805 <102

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: 705-Pit-water
* contains product *
8260 VOC for water has 2 extra jars

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	NYTCL-8270 SVOCs	RCRA 8 metals	Total solids	8260 VOCs	SVOCs 8270	RCRA 8 metals	TPH-GRO	TPH-DRO	Sample Specific Comments	Total Bottle
78222-01	TP-9	12-9-25	0940	Soil	AH	X	X	X							3
-02	TP-10		1020			X	X	X							
-03	TP-11		1045			X	X	X							
-04	TP-12		1115			X	X	X							
-05	TP-13		1145			X	X	X							
-06	TP-14		1230			X	X	X							
-07	TP-15		1300			X	X	X							
-08	TP-16		1340			X	X	X							
-09	705-PIT-water		1430	water					X	X	X	X	X		12

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

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

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

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

Relinquished By:	Date/Time	Received By:	Date/Time
Andrew Flodgren	12-9-25 1555		12/9 1640
	12/9 1700		12-9-25
	12-9		12-9 2300
	12-10 0300		12/10/25 0300

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)

Sample Delivery Group Summary

Pace Job Number : L2578222

Account Name : CHA Companies
Project Number : 086328
Project Name : GEIGER TEST PIT SAMPLING

Received : 09-DEC-2025
Reviewer : Matthew Bianculli

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.3	
B	Absent/	Ice	2.6	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

Comments

L2578222-09G 250mL Amber
L2578222-09H 250mL Amber
L2578222-09I Matrix stained or bleached pH paper; cannot read pH.

APPENDIX B

Soil Boring Logs

Geiger Remedial Subsurface Investigation (Additional RI)

LOG OF BORING Soil-105

Location: 701 E Fayette Street Syracuse, New York

Client: GW Syracuse LLC

Project No.: 086328.000

Drill Rig: Geoprobe 7822DT

Coords: 43.04934, -76.14153

Drilling Method: Hand Auger (0-5 ft), Geoprobe (Direct Push) (5-20 ft)

Water Level Observations		
Total Depth	Date	Type
N/A		During Drilling
N/A		Overnight
N/A		Long Term

Sample/Core Number	Recovery (%)	PID Reading (ppm)	Depth (ft)	Soil Symbol	Description and Classification	Notes
			0		asphalt, crusher run (FILL)	
					0.25 ft	
			1		SILTY CLAY, brown (SC)	
			2			
			3			
			4			
			5		5.00 ft	
					SILTY CLAY, brown, medium stiff, moist (SC)	
S1	100	0.00	6			
			7		- At depth 7.2 ft, becomes wet	
			8		8.30 ft	
					f.m.c. SAND, brown, medium compact, moist (SM)	
			9			
			10			
S2	36	0.00	11			
			12			
			13		- At depth 13.3 ft, becomes dry	
			14			
			15			
			16			Sample SB-105 collected from 16' to 18' bgs at 08:50.
S3	68	0.00	17		17.40 ft	
					f.m.c. SAND, Some f.c. Gravel, brown, medium compact, wet (SP)	
			18			
			19		- At depth 18.5 ft, becomes wet	
			20			Soil boring terminated at 20' bgs.

Contractor: Cascade
Driller:

Start: 2026-05-14 08:00
Finish: 2026-05-14 09:00

Logged by: Andrew Hodgens
Reviewed by: Raylani Reis

RSLog / Environmental Boring Template - RR / cha-consulting-1 / Raylani / 2026-06-29 @ 01:47 PM

Geiger Remedial Subsurface Investigation (Additional RI)

LOG OF BORING Soil-106

Location: 701 E Fayette Street Syracuse, New York

Client: GW Syracuse LLC

Project No.: 086328.000

Drill Rig: Geoprobe 7822DT

Coords: 43.04910, -76.14156

Drilling Method: Hand Auger (0-5 ft), Geoprobe (Direct Push) (5-20 ft)

Water Level Observations		
Total Depth	Date	Type
N/A		During Drilling
N/A		Overnight
N/A		Long Term

Sample/Core Number	Recovery (%)	PID Reading (ppm)	Depth (ft)	Soil Symbol	Description and Classification	Notes
			0		asphalt **(FILL)**	
					0.25 ft	
			1		fill material, cobble stone **(FILL)**	
			2			
			3			
			4			
			5			
			6			
					6.40 ft	
			7		**SILTY CLAY**, brown, soft, wet **(CL)**	
S1	72	0.00	8		- At depth 7.2 ft, becomes moist	
			9			
			10			
			11			
S2	54	0.00	12			Sample SB-106 collected from 12' to 14' bgs at 12:45
			13			
					13.70 ft	
			14		**f.m.c SAND**, little f.c. gravel, brown, medium compact, wet **(SP)**	
			15			
			16			
			17			
S3	40	0.00	18			
			19			
			20			Soil boring terminated at 20' bgs.

Contractor: Cascade
Driller:

Start: 2026-05-13 12:20
Finish: 2026-05-13 13:15

Logged by: Andrew Hodgens
Reviewed by: Raylani Reis

RSLog / Environmental Boring Template - RR / cha-consulting-1 / Raylani / 2026-06-29 @ 02:52 PM

Geiger Remedial Subsurface Investigation (Additional RI)

LOG OF BORING Soil-107

Location: 701 E Fayette Street Syracuse, New York

Client: GW Syracuse LLC

Project No.: 086328.000

Drill Rig: Geoprobe 7822DT

Coords: 43.04916, -76.14138

Drilling Method: Hand Auger (0-5 ft), Geoprobe (Direct Push) (5-20 ft)

Water Level Observations		
Total Depth	Date	Type
N/A		During Drilling
N/A		Overnight
N/A		Long Term

Sample/Core Number	Recovery (%)	PID Reading (ppm)	Depth (ft)	Description and Classification	Notes
			0	asphalt **(FILL)**	
				0.25 ft	
			1	**SILTY CLAY**, brown, medium stiff, moist **(CL)**	
			2		
			3		
			4		
			5		
S1	90	0.00	6		
			7		
			8		
			9		
			10		
			11		
S2	60	0.00	12		
			13	13.00 ft	
				f. SAND, trace silt, brown, loose, moist **(SM)**	
			14		Sample SB-107 collected from 14' to 16' bgs at 09:20.
			15		
			16	- At depth 16.2 ft, becomes wet	
			17		
S3	70	0.00	18	18.00 ft	
				f.m.c. SAND, And f.c. Gravel, brown, loose, wet **(SP)**	
			19		
			20		Soil boring terminated at 20' bgs.

Contractor: Cascade
Driller:

Start: 2026-05-14 09:05
Finish: 2026-05-14 09:20

Logged by: Andrew Hodgens
Reviewed by: Raylani Reis

RSLog / Environmental Boring Template - RR / cha-consulting-1 / Raylani / 2026-06-29 @ 03:07 PM

Geiger Remedial Subsurface Investigation (Additional RI)

LOG OF BORING Soil-108

Location: 701 E Fayette Street Syracuse, New York

Client: GW Syracuse LLC

Project No.: 086328.000

Drill Rig: Geoprobe 7822DT

Coords: 43.04865, -76.14133

Drilling Method: Hand Auger (0-5 ft), Geoprobe (Direct Push) (5-20 ft)

Water Level Observations		
Total Depth	Date	Type
N/A		During Drilling
N/A		Overnight
N/A		Long Term

Sample/Core Number	Recovery (%)	PID Reading (ppm)	Depth (ft)	Soil Symbol	Description and Classification	Notes
			0		asphalt, brick, **(FILL)**	
					0.25 ft	
			1		**SILTY CLAY**, And f.c. Gravel, brown **(SC)**	
			2			
			3			
			4			
			5		5.00 ft	
					SILTY CLAY, brown, medium stiff, moist **(CL)**	
			6			
			7			
S1	100	0.00			- At depth 7.2 ft, becomes moist	
			8			
			9			
			10			
			11			
					11.60 ft	
			12		**SILTY CLAY**, little f.c. gravel, brown, medium stiff, wet **(SC)**	
S2	68	0.00				
			13		13.20 ft	Sample SB-108 collected from 13' to 15' bgs at 10:00. MS/MSD collected at this location.
					f.m.c. SAND, little f. gravel, brown, medium compact, moist **(SM)**	
			14			
			15			
			16			
					16.80 ft	
			17		**CLAY**, Some f.c. Gravel, brown, very soft, wet **(ML)**	
S3	60	0.00				
			18		18.50 ft	
			19		**f.m.c. SAND**, little f.c. gravel, brown, loose, moist **(SP)**	
			20			Soil boring terminated at 20' bgs.

Contractor: Cascade
Driller:

Start: 2026-05-14 09:35
Finish: 2026-05-14 10:20

Logged by: Andrew Hodgens
Reviewed by: Raylani Reis

RSLog / Environmental Boring Template - RR / cha-consulting-1 / Raylani / 2026-06-29 @ 02:30 PM

Geiger Remedial Subsurface Investigation (Additional RI)

LOG OF BORING Soil-109

Location: 701 E Fayette Street Syracuse, New York

Client: GW Syracuse LLC

Project No.: 086328.000

Drill Rig: Geoprobe 7822DT

Coords: 43.04873, -76.14162

Drilling Method: Hand Auger (0-5 ft), Geoprobe (Direct Push) (5-20 ft)

Water Level Observations		
Total Depth	Date	Type
N/A		During Drilling
N/A		Overnight
N/A		Long Term

Sample/Core Number	Recovery (%)	PID Reading (ppm)	Depth (ft)	Soil Symbol	Description and Classification	Notes
		0.00	0		fill material, brick, cobbles, crushed stone, f.m.c. sand, clay **(FILL)**	
S1	60	0.00	8		8.00 ft **SILTY CLAY**, brown, medium stiff, moist **(CL)**	Sample SB-109 collected from 8' to 13' bgs at 11:30. Field duplicate CHA-1 collected at this boring.
S2	68	0.00	12		11.50 ft **SILTY CLAY**, And f.c. Gravel, brown, soft, wet **(CL-ML)** 13.00 ft	
S3	52	0.00	16		**f.m.c SAND**, Some f.c. Gravel, brown, wet **(SP)**	Soil boring terminated at 20' bgs.

Contractor: Cascade
Driller:

Start: 2026-05-13 09:05
Finish: 2026-05-13 10:05

Logged by: Andrew Hodgens
Reviewed by: Raylani Reis

RSLog / Environmental Boring Template - RR / cha-consulting-1 / Raylani / 2026-06-29 @ 03:29 PM

Geiger Remedial Subsurface Investigation (Additional RI)

LOG OF BORING Soil-110

Location: 701 E Fayette Street Syracuse, New York

Client: GW Syracuse LLC

Project No.: 086328.000

Drill Rig: Geoprobe 7822DT

Coords: 43.04883, -76.14163

Drilling Method: Hand Auger (0-5 ft), Geoprobe (Direct Push) (5-20 ft)

Water Level Observations		
Total Depth	Date	Type
N/A		During Drilling
N/A		Overnight
N/A		Long Term

Sample/Core Number	Recovery (%)	PID Reading (ppm)	Depth (ft)	Soil Symbol	Description and Classification	Notes
			0		asphalt **(FILL)**	
					0.25 ft	
			1		brick, cinder material, crusher run **(FILL)**	
			2			
			3			
			4			
			5			
			6			
			7			
S1	56		8			
					8.50 ft	
					SILTY CLAY, brown, medium stiff, moist **(CL)**	Sample Soil-110 8-10 collected from 8' to 10' bgs at 11:00. Sample Soil-110-19-20 collected from 19' to 20' bgs at 11:05.
		48.70	9			
		107.10	10			
			11			
					11.50 ft	
		36.30	12		**SILTY CLAY**, And f.c. Gravel, brown, medium stiff, moist **(CL-ML)**	
S2	70				12.50 ft	
			13		**f.m.c. SAND**, brown, medium compact, moist **(SP)**	
			14			
			15			
			16			
			17			
S3	50	1.50	18			
			19			
			20			Soil boring terminated at 20' bgs.

Contractor: Cascade
Driller:

Start: 2026-05-14 10:40
Finish: 2026-05-14 11:00

Logged by: Andrew Hodgens
Reviewed by: Raylani Reis

RSLog / Environmental Boring Template - RR / cha-consulting-1 / Raylani / 2026-06-29 @ 03:43 PM

APPENDIX C

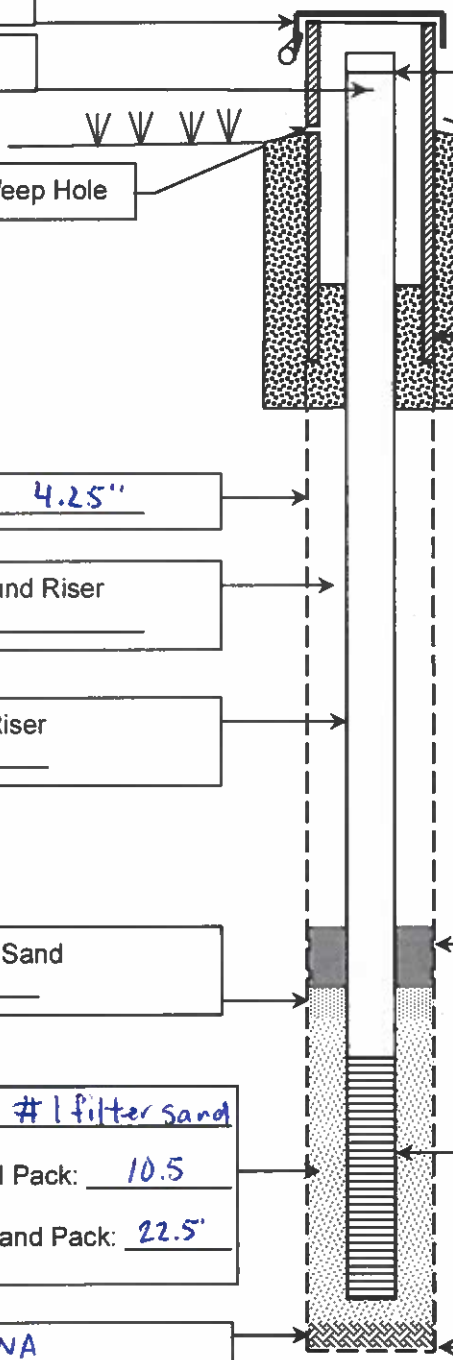
Well Contruction Logs

WELL CONSTRUCTION LOG

CHA

BORING NO. 105
WELL NO. MW-105
PROJECT NO.: 086328
SHEET NO.: 1 OF 1
ELEVATION:
START DATE: 5-14 TIME: 1455
FINISH DATE: 5/5 TIME: 0830
DRILLER: ERIC
INSPECTOR: AH

PROJECT & LOCATION: Gateway Apartments – Syracuse, NY
CLIENT: Geiger Property Management Inc
CONTRACTOR: Cascade Remediation Services



Locking Steel Cap

Riser Vent Hole

Protective Casing Weep Hole

Depth Above/Below Ground of Riser Pipe: _____

Type of Cap: Plug

Type of Surface Seal: Concrete

Thickness of Surface Seal: 5"

Type of Protective Casing: Steel flushmount

Inside Dia. Of Casing: 6"

Depth Above Ground of Casing: flush with surface

Depth Below Ground of Casing: 6"

Diameter Borehole: 4.25"

Type of Backfill Around Riser Pipe: Grout

Inside Diameter of Riser Pipe: 2"

Type of Bentonite Seal: Bentonite chips

Depth to Top of Bentonite Seal: 7'

Depth to Top of Fine Sand Choke: NA

Type of Screen: PVC

Screen Diameter: 2"

Screen Slot Size: 0.010"

Depth to Top of Screen: 12.5'

Depth to Bottom of Screen: 22.5'

Type of Sand Pack: #1 filter sand

Depth to Top of Sand Pack: 10.5

Depth to Bottom of Sand Pack: 22.5'

Backfill (if any): NA

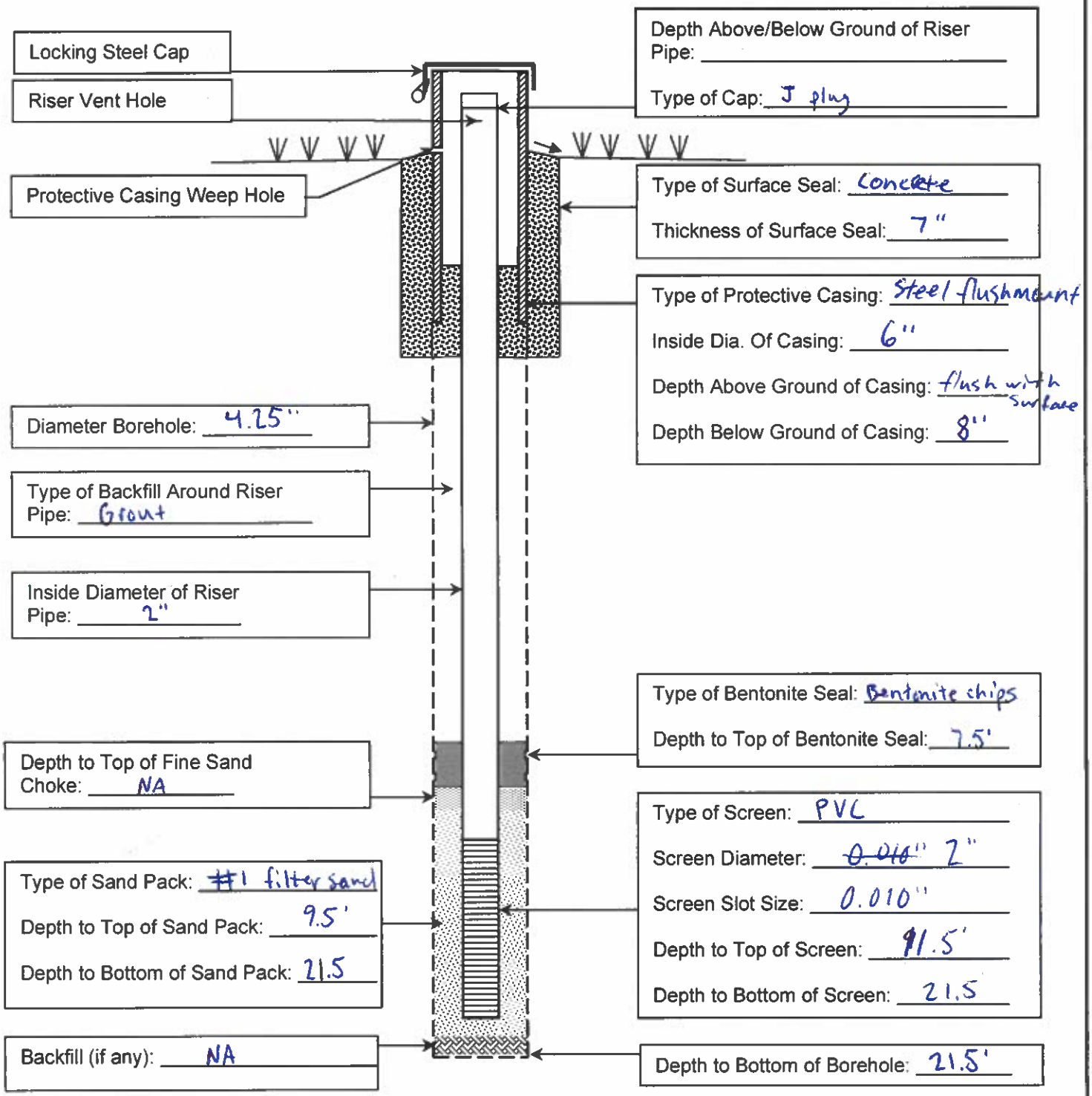
Depth to Bottom of Borehole: 22.5'

WELL CONSTRUCTION LOG

CHA

PROJECT & LOCATION: Gateway Apartments – Syracuse, NY
CLIENT: Geiger Property Management Inc
CONTRACTOR: Cascade Remediation Services

BORING NO. 106
WELL NO. MW-106
PROJECT NO.: 086328
SHEET NO.: 1 OF 1
ELEVATION:
START DATE: 5-14 TIME: 1250
FINISH DATE: 5-15 TIME: 1015
DRILLER: Eric
INSPECTOR: AH



APPENDIX D

Monitoring Well Sampling Logs

CHA — Monitoring Well Sampling-Low Flow

Sample/Well ID: MW-105

Project Number: 096325.006
Sampling Date: 5-18-26
Project/Facility Name:
Logged By: AH
Project Location/Sampling Event: Syracuse, NY
Weather/Temp: 88°F

Purging/Sampling Method: P = Purging Method S = Sampling Method

P	S			
☒	☒	Submersible Pump	Model: Monsoon XL	
☐	☐	Peristaltic Pump	Model: ____	
☐	☐	Dedicated Pump	Model: ____	
☐	☐	MicroPurge Pump	Model: ____	☐ Dedicated ☐ Disposable
☐	☐	Bailer	Type: ____	
☐	☐	Other: ____		

Water Level Measurement Device:
☒ Water Level Meter Model: Solinst
☐ Interface Probe Model: ____

Water Quality Instrumentation:
Instrument: Horiba Instrument: ____
Instrument: ____ *Calibration Records*
Instrument: ____ *Are Attached*

Time Well Unlocked: 1322 Time Well Locked: 1450
Headspace Reading: ____ ppm ☒N/A
☒ Flush-mount casing ☐ Stickup casing

Pump Intake Depth: ____
Controller ID#: ____

DTW = 15.79

Monitoring Well Condition: A = Acceptable U = Unacceptable

A	U		A	U		A	U	
☐	☐	Well visibility	☐	☐	Surface seal	☐	☐	Total depth
☐	☐	Well Identification	☐	☐	Surface casing condition	☐	☐	Siltation level
☐	☐	Well lock/security	☐	☐	Corrosion of surface casing	☐	☐	Recharge Rate
☐	☐	Well cap & gripper plug	☐	☐	Inner Casing/Screen Integrity	☐	☐	Other: ____

Flow Rate = 400 mL/min

Field Analysis:

Stabilization Criteria: **DO ± 10% **SEC ± 3% Turb. ± 10% ORP ± 10 mv pH ± 0.1 unit

DTW

Volume Purged (gal.)	Time	ORP/Eh (mV)	pH	Cond. (ms/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp. (°C)	Other Field Data	Other Field Data	Other Field Data	Other Field Data
15.82	1340	94	7.41	3.71	71000	5.22	15.78				
15.83	1343	86	7.27	4.09	848	2.48	15.37				
15.83	1346	79	7.17	4.36	463	1.76	14.69				
15.84	1349	73	7.10	4.59	188	1.27	14.20				
15.84	1352	65	7.06	4.65	101	1.23	13.90				
15.84	1355	58	7.03	4.67	62.5	1.17	13.93				
15.84	1358	49	7.06	4.70	39.2	1.06	13.90				
15.84	1401	43	7.05	4.68	28.4	1.10	13.71				
15.84	1404	39	7.05	4.68	23.3	1.05	13.72				
15.84	1407	37	7.04	4.66	16.1	1.09	13.69				
15.84	1410	35	7.04	4.67	13.2	1.06	13.76				
15.84	1413	35	7.04	4.68	11.4	1.06	13.71				

Field Analysis During Sample Collection:

Start Purge Time: 1337 Total Vol Purged: ~8 gal. Odor: None Purge Water Disposal Method: Drum
End Purge Time: 1413 Total Purge Time: 33 min Color: clear Sheen Observed?: No

Sampling Information:
Sampling Time: ~~1415~~ 1420 Laboratory: PACE
Sample Analyses: ____
No. Bottles: 12 per sample

Comments/Additional Observations:
MS/MSD collected here

Signature(s) of Sampling Team:

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CHA

Monitoring Well Sampling-Low Flow

Sample/Well ID: MW-106

Project Number:

Sampling Date: 5-18-26

Project/Facility Name:

Logged By: AH

Project Location/Sampling Event:

Weather/Temp: 85°F

Purging/Sampling Method: P = Purging Method S = Sampling Method

P	S		
☒	☒	Submersible Pump	Model: Monsoon XL
☐	☐	Peristaltic Pump	Model: ____
☐	☐	Dedicated Pump	Model: ____
☐	☐	MicroPurge Pump	Model: ____ ☐ Dedicated ☐ Disposable
☐	☐	Bailer	Type: ____
☐	☐	Other: ____	

Water Level Measurement Device:
☒ Water Level Meter Model: Solinst
☐ Interface Probe Model: ____

Water Quality Instrumentation:
Instrument: Horiba Instrument: ____
Instrument: ____ *Calibration Records*
Instrument: ____ *Are Attached*

Time Well Unlocked: 1140 Time Well Locked: 1215

Headspace Reading: ____ ppm ☒ N/A

☒ Flush-mount casing ☐ Stickup casing

Pump Intake Depth: ____

Controller ID#: ____

Monitoring Well Condition: A = Acceptable U = Unacceptable

DTW = 15.41

A	U		A	U		A	U	
☐	☐	Well visibility	☐	☐	Surface seal	☐	☐	Total depth
☐	☐	Well Identification	☐	☐	Surface casing condition	☐	☐	Siltation level
☐	☐	Well lock/security	☐	☐	Corrosion of surface casing	☐	☐	Recharge Rate
☐	☐	Well cap & gripper plug	☐	☐	Inner Casing/Screen Integrity	☐	☐	Other: ____

Flow Rate 600 mL/m

Field Analysis:

Stabilization Criteria: **DO ± 10% **SEC ± 3% Turb. ± 10% ORP ± 10 mv pH ± 0.1 unit

DTW 15.44

Volume Purged (gal.)	Time	ORP/Eh (mV)	pH	Cond. (ms/cm)	Turbidity (NTU)	D.O. (mg/L)	Temp. (°C)	Other Field Data	Other Field Data	Other Field Data	Other Field Data
~~1200~~	1200	127	7.07	3.09	802	2.05	13.87				
15.44	1203	104	6.96	3.31	272	1.03	13.65				
15.44	1206	82	6.91	3.41	138	.87	13.53				
15.44	1209	63	6.87	3.41	59.9	.82	13.50				
15.44	1212	51	6.84	3.41	34.4	.82	13.39				
15.43	1215	42	6.81	3.45	21.9	.77	13.46				
15.44	1218	34	6.80	3.46	14.4	.73	13.46				
15.44	1221	28	6.79	3.44	9.1	.73	13.50				
15.44	1224	24	6.78	3.45	8.0	.73	13.44				
15.44	1227	21	6.79	3.44	6.6	.73	13.67				

Field Analysis During Sample Collection:

Start Purge Time: 1157 Total Vol Purged: 6.5 gal. Odor: None Purge Water Disposal Method: Drum

End Purge Time: 1227 Total Purge Time: 30 min Color: Clear Sheen Observed?: No

Sampling Information: Sampling Time: 1230 Laboratory: PACE

Sample Analyses: ____ No. Bottles: 12

Comments/Additional Observations:

CHA-1 collected here - 0900

Signature(s) of Sampling Team:

V:\OH_Data\Technical Groups\Env\Planning\Technical Info\SOPs\Final SOPs\Forms\Well Logs\Well Sampling Log.doc Updated 2013 DRAFT - DO NOT USE

APPENDIX E

Soil Vapor Sampling Logs

SUMMA Canister Sampling Log

Sample Designation: SV-101

Project Name: Gateway Apartments

Logged By: AH

Project Location: Syracuse, NY

Date: 5-15-26

Project Number: 086328.000

SUMMA Canister Information:

Sample ID: SV-101

Sample Location: South along Fayette St.

SUMMA Canister Serial No. : 2693

Regulator Calibration Period: 5/8/26

Regulator Serial No. : 02909

Regulator Calibrated By: PACE

Laboratory Recorded Vacuum: ~~-8.1~~ -29.1

Date: 5/8/26 Time: _____

Start Date: 5-15-26

Finish Date: 5-15-26

Start Time: 0810

Finish Time: 1013

Initial Vacuum: -29.84

Ending Vacuum: -5.23

Sampling Information:

Sample Type: AIR-VOCs

Sample Ship Date: 5-15-26

Sampled by: AH

No. of Containers: 1

Sample Analyses: TO-15

Comments:

Helium Tracer test performed @ 1745 on 5/14/26 ended @ 1755

Saturation Concentration = 168,750 ppm

Results = 0 ppm

0856 1st check in: -9.34

SUMMA Canister Sampling Log

Sample Designation: SV-102

Project Name: Gateway Apartments

Logged By: AH

Project Location: Syracuse, NY

Date: 5-15-26

Project Number: 086328.000

SUMMA Canister Information:

Sample ID: SV-102

Sample Location: Along East side of parking lot next to church

SUMMA Canister Serial No. : 553

Regulator Calibration Period: 5/8/26

Regulator Serial No. : 03265

Regulator Calibrated By: PACE

Laboratory Recorded Vacuum: -29.1

Date: 5/8/26 Time: _____

Start Date: 5/15/26

Finish Date: 5-15-26

Start Time: 0815

Finish Time: 1021

Initial Vacuum: -29.70

Ending Vacuum: -5.02

Sampling Information:

Sample Type: AIR-vols

Sample Ship Date: 5-15-26

Sampled by: AH

No. of Containers: 1

Sample Analyses: TO-15

Comments:

Helium tracer test performed @ 1730 on 5/14/26 ended @ 1740

Saturation concentration = 4.4%

Result = 0 ppm

0857 first check in = -20.45

APPENDIX F

RI Addendum Subsurface Soil Analytical Report

ANALYTICAL REPORT

Lab Number:	L2629626
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	SYR GATEWAY APARTMENTS
Project Number:	086328
Report Date:	06/08/26

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

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2629626-01	SOIL-105-16-18	SOIL	SYRACUSE, NY	05/14/26 08:50	05/14/26
L2629626-02	SOIL-106-12-14	SOIL	SYRACUSE, NY	05/14/26 12:45	05/14/26
L2629626-03	SOIL-107-14-16	SOIL	SYRACUSE, NY	05/14/26 09:20	05/14/26
L2629626-04	SOIL-108-13-15	SOIL	SYRACUSE, NY	05/14/26 10:00	05/14/26
L2629626-05	SOIL-109-8-10	SOIL	SYRACUSE, NY	05/14/26 11:30	05/14/26
L2629626-06	SOIL-110-8-10	SOIL	SYRACUSE, NY	05/14/26 11:00	05/14/26
L2629626-07	SOIL-110-19-20	SOIL	SYRACUSE, NY	05/14/26 11:05	05/14/26
L2629626-08	CHA-1	SOIL	SYRACUSE, NY	05/14/26 12:00	05/14/26

Project Name:	SYR GATEWAY APARTMENTS	**Lab Number:**	L2629626
Project Number:	086328	**Report Date:**	06/08/26

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 Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace'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 Pace Project Manager and made arrangements for Pace 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:	SYR GATEWAY APARTMENTS	**Lab Number:**	L2629626
Project Number:	086328	**Report Date:**	06/08/26

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

L2629626-06: The surrogate recovery is outside the acceptance criteria for 4-bromofluorobenzene (185%); however, the sample was not re-analyzed due to coelution with obvious interferences.

Perfluorinated Alkyl Acids by 1633

L2629626-01, -02, -03, -04, -05, -06, -08, WG2220230-4, and WG2220230-5: The analysis of Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA) exceeded the 3-day holding time recommended by the method for soil/sediment and tissue matrices.

Total Metals

L2629626-01 through -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG2220738-3/-4 MS/MSD recoveries performed on L2629626-04 do not apply for aluminum (234%/234%), calcium (724%/211%), iron (467%/234%), magnesium (175%/58%) and manganese (23%/37%) because the sample concentrations are greater than four times the spike amounts added.

The WG2220738-3/-4 MS/MSD recoveries performed on L2629626-04 are outside the acceptance criteria for antimony (53%/52%), lead (MS 127%) and zinc (MS 126%). 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: 06/08/26

QC OUTLIER SUMMARY REPORT

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Volatile Organics by EPA 5035/8260 High - Westborough Lab								
8260D	SOIL-110-8-10	L2629626-06	4-Bromofluorobenzene	Surrogate	185	70-130	-	potential high bias
8260D	Batch QC	WG2219906-3	Bromoform	LCS	69	70-130	06	potential low bias
Volatile Organics by EPA 5035/8260 Low - Westborough Lab								
8260D	Batch QC	WG2219911-3	Bromoform	LCS	69	70-130	01-03,05,07-08	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Methylene chloride	MS	45	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,1-Dichloroethane	MS	40	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Chloroform	MS	40	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Carbon tetrachloride	MS	29	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,2-Dichloropropane	MS	46	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Dibromochloromethane	MS	43	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,1,2-Trichloroethane	MS	52	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Tetrachloroethene	MS	24	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Chlorobenzene	MS	29	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Trichlorofluoromethane	MS	33	70-139	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,2-Dichloroethane	MS	54	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,1,1-Trichloroethane	MS	33	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Bromodichloromethane	MS	42	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	trans-1,3-Dichloropropene	MS	39	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	cis-1,3-Dichloropropene	MS	41	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Bromoform	MS	43	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,1,2,2-Tetrachloroethane	MS	55	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Benzene	MS	37	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Toluene	MS	30	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Ethylbenzene	MS	27	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Chloromethane	MS	36	52-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Bromomethane	MS	41	57-147	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Vinyl chloride	MS	34	67-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Chloroethane	MS	34	50-151	04	potential low bias

QC OUTLIER SUMMARY REPORT

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
8260D	Batch QC (L2629626-04)	WG2220647-6	1,1-Dichloroethene	MS	31	65-135	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	trans-1,2-Dichloroethene	MS	32	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Trichloroethene	MS	33	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,2-Dichlorobenzene	MS	26	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,3-Dichlorobenzene	MS	22	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,4-Dichlorobenzene	MS	21	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Methyl tert butyl ether	MS	65	66-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	p/m-Xylene	MS	26	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	o-Xylene	MS	30	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	cis-1,2-Dichloroethene	MS	37	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Styrene	MS	29	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Dichlorodifluoromethane	MS	27	30-146	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Carbon disulfide	MS	27	59-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	2-Hexanone	MS	68	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Bromochloromethane	MS	49	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,2-Dibromoethane	MS	50	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,2-Dibromo-3-chloropropane	MS	51	68-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Isopropylbenzene	MS	25	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,2,3-Trichlorobenzene	MS	20	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,2,4-Trichlorobenzene	MS	17	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Cyclohexane	MS	33	59-142	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	1,4-Dioxane	MS	0	65-136	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Freon-113	MS	32	50-139	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-6	Methyl cyclohexane	MS	29	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Methylene chloride	MSD	53	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,1-Dichloroethane	MSD	33	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,1-Dichloroethane	MSD	51	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Chloroform	MSD	32	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Chloroform	MSD	49	70-130	04	potential low bias

QC OUTLIER SUMMARY REPORT

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
8260D	Batch QC (L2629626-04)	WG2220647-7	Carbon tetrachloride	MSD	43	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Carbon tetrachloride	MSD	48	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,2-Dichloropropane	MSD	33	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,2-Dichloropropane	MSD	58	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Dibromochloromethane	MSD	33	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Dibromochloromethane	MSD	54	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,1,2-Trichloroethane	MSD	60	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Tetrachloroethene	MSD	38	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Tetrachloroethene	MSD	55	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Chlorobenzene	MSD	43	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Chlorobenzene	MSD	49	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Trichlorofluoromethane	MSD	42	70-139	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Trichlorofluoromethane	MSD	46	70-139	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,2-Dichloroethane	MSD	62	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,1,1-Trichloroethane	MSD	42	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,1,1-Trichloroethane	MSD	46	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Bromodichloromethane	MSD	34	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Bromodichloromethane	MSD	54	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	trans-1,3-Dichloropropene	MSD	37	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	trans-1,3-Dichloropropene	MSD	51	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	cis-1,3-Dichloropropene	MSD	35	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	cis-1,3-Dichloropropene	MSD	52	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Bromoform	MSD	52	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,1,2,2-Tetrachloroethane	MSD	61	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Benzene	MSD	37	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Benzene	MSD	49	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Toluene	MSD	43	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Toluene	MSD	46	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Ethylbenzene	MSD	42	70-130	04	potential low bias

QC OUTLIER SUMMARY REPORT

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
8260D	Batch QC (L2629626-04)	WG2220647-7	Ethylbenzene	MSD	54	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Chloromethane	MSD	36	52-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Chloromethane	MSD	47	52-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Bromomethane	MSD	50	57-147	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Vinyl chloride	MSD	35	67-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Vinyl chloride	MSD	44	67-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Chloroethane	MSD	39	50-151	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Chloroethane	MSD	46	50-151	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,1-Dichloroethene	MSD	38	65-135	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,1-Dichloroethene	MSD	42	65-135	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	trans-1,2-Dichloroethene	MSD	39	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	trans-1,2-Dichloroethene	MSD	42	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Trichloroethene	MSD	41	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Trichloroethene	MSD	45	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,2-Dichlorobenzene	MSD	41	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,2-Dichlorobenzene	MSD	53	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,3-Dichlorobenzene	MSD	36	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,3-Dichlorobenzene	MSD	60	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,4-Dichlorobenzene	MSD	35	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,4-Dichlorobenzene	MSD	59	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	p/m-Xylene	MSD	42	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	p/m-Xylene	MSD	54	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	o-Xylene	MSD	45	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	o-Xylene	MSD	51	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	cis-1,2-Dichloroethene	MSD	34	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	cis-1,2-Dichloroethene	MSD	47	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Styrene	MSD	44	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Styrene	MSD	53	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Dichlorodifluoromethane	MSD	37	30-146	04	non-directional bias

QC OUTLIER SUMMARY REPORT

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
8260D	Batch QC (L2629626-04)	WG2220647-7	Carbon disulfide	MSD	38	59-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Carbon disulfide	MSD	42	59-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	2-Hexanone	MSD	69	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Bromochloromethane	MSD	56	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,2-Dibromoethane	MSD	59	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,2-Dibromo-3-chloropropane	MSD	58	68-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Isopropylbenzene	MSD	40	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Isopropylbenzene	MSD	58	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,2,3-Trichlorobenzene	MSD	34	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,2,3-Trichlorobenzene	MSD	59	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,2,4-Trichlorobenzene	MSD	30	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	1,2,4-Trichlorobenzene	MSD	63	70-130	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Cyclohexane	MSD	43	59-142	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Cyclohexane	MSD	46	59-142	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Freon-113	MSD	41	50-139	04	non-directional bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Freon-113	MSD	44	50-139	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Methyl cyclohexane	MSD	42	70-130	04	potential low bias
8260D	Batch QC (L2629626-04)	WG2220647-7	Methyl cyclohexane	MSD	47	70-130	04	non-directional bias
Semivolatile Organics by GC/MS - Westborough Lab								
8270E	SOIL-110-8-10	L2629626-06	Nitrobenzene-d5	Surrogate	151	23-120	-	potential high bias
8270E	Batch QC (L2629626-04)	WG2215620-4	Phenol	MS	94	26-90	01-08	potential high bias
8270E	Batch QC (L2629626-04)	WG2215620-5	Phenol	MSD	94	26-90	01-08	potential high bias
Total Metals - Mansfield Lab								
6010D	Batch QC (L2629626-04)	WG2220738-3	Aluminum, Total	MS	234	75-125	01-08	potential high bias
6010D	Batch QC (L2629626-04)	WG2220738-3	Antimony, Total	MS	53	75-125	01-08	potential low bias
6010D	Batch QC (L2629626-04)	WG2220738-3	Calcium, Total	MS	724	75-125	01-08	potential high bias
6010D	Batch QC (L2629626-04)	WG2220738-3	Iron, Total	MS	467	75-125	01-08	potential high bias
6010D	Batch QC (L2629626-04)	WG2220738-3	Lead, Total	MS	127	75-125	01-08	potential high bias

QC OUTLIER SUMMARY REPORT

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
6010D	Batch QC (L2629626-04)	WG2220738-3	Magnesium, Total	MS	175	75-125	01-08	potential high bias
6010D	Batch QC (L2629626-04)	WG2220738-3	Manganese, Total	MS	23	75-125	01-08	potential low bias
6010D	Batch QC (L2629626-04)	WG2220738-3	Zinc, Total	MS	126	75-125	01-08	potential high bias
6010D	Batch QC (L2629626-04)	WG2220738-4	Aluminum, Total	MSD	234	75-125	01-08	potential high bias
6010D	Batch QC (L2629626-04)	WG2220738-4	Antimony, Total	MSD	52	75-125	01-08	potential low bias
6010D	Batch QC (L2629626-04)	WG2220738-4	Calcium, Total	MSD	211	75-125	01-08	potential high bias
6010D	Batch QC (L2629626-04)	WG2220738-4	Iron, Total	MSD	234	75-125	01-08	potential high bias
6010D	Batch QC (L2629626-04)	WG2220738-4	Magnesium, Total	MSD	58	75-125	01-08	potential low bias
6010D	Batch QC (L2629626-04)	WG2220738-4	Manganese, Total	MSD	37	75-125	01-08	potential low bias

ORGANICS

VOLATILES

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-01 Date Collected: 05/14/26 08:50

Client ID: SOIL-105-16-18 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/27/26 21:28

Analyst: AJK

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	0.28	J	ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.1	0.97	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1
Trichloroethene	8.4		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-01 Date Collected: 05/14/26 08:50

Client ID: SOIL-105-16-18 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.95	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
Methyl Acetate	ND		ug/kg	4.1	0.98	1
Cyclohexane	ND		ug/kg	10	0.56	1
1,4-Dioxane	ND		ug/kg	83	36.	1
Freon-113	ND		ug/kg	4.1	0.72	1
Methyl cyclohexane	ND		ug/kg	4.1	0.62	1

Tentatively Identified Compounds

Total TIC Compounds	2.41	J	ug/kg		1
Unknown	2.41	J	ug/kg		1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-02 Date Collected: 05/14/26 12:45

Client ID: SOIL-106-12-14 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/27/26 21:54

Analyst: AJK

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	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	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	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	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	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	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	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	0.13	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-02 Date Collected: 05/14/26 12:45

Client ID: SOIL-106-12-14 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 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	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
Methyl Acetate	ND		ug/kg	3.7	0.89	1
Cyclohexane	ND		ug/kg	9.4	0.51	1
1,4-Dioxane	ND		ug/kg	75	33.	1
Freon-113	ND		ug/kg	3.7	0.65	1
Methyl cyclohexane	ND		ug/kg	3.7	0.56	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	99		70-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-03 Date Collected: 05/14/26 09:20

Client ID: SOIL-107-14-16 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/27/26 22:20

Analyst: AJK

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1
Trichloroethene	1.0		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-03 Date Collected: 05/14/26 09:20

Client ID: SOIL-107-14-16 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
Methyl Acetate	ND		ug/kg	4.0	0.95	1
Cyclohexane	ND		ug/kg	10	0.54	1
1,4-Dioxane	ND		ug/kg	80	35.	1
Freon-113	ND		ug/kg	4.0	0.69	1
Methyl cyclohexane	ND		ug/kg	4.0	0.60	1

Tentatively Identified Compounds

Total TIC Compounds	2.25	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.25	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	99		70-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-04 Date Collected: 05/14/26 10:00
Client ID: SOIL-108-13-15 Date Received: 05/14/26
Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/28/26 16:13
Analyst: AJK
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 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	0.19	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	0.52	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	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1
Trichloroethene	0.44	J	ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-04 Date Collected: 05/14/26 10:00

Client ID: SOIL-108-13-15 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 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	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
Methyl Acetate	ND		ug/kg	3.8	0.90	1
Cyclohexane	ND		ug/kg	9.5	0.52	1
1,4-Dioxane	ND		ug/kg	76	33.	1
Freon-113	ND		ug/kg	3.8	0.66	1
Methyl cyclohexane	ND		ug/kg	3.8	0.57	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	97		70-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-05 Date Collected: 05/14/26 11:30

Client ID: SOIL-109-8-10 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/27/26 23:12

Analyst: AJK

Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 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	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: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-05 Date Collected: 05/14/26 11:30

Client ID: SOIL-109-8-10 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 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	ND		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

Tentatively Identified Compounds				
Total TIC Compounds	13.0	J	ug/kg	1
Unknown	1.91	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.00	NJ	ug/kg	1
Unknown	9.10	J	ug/kg	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-05 Date Collected: 05/14/26 11:30

Client ID: SOIL-109-8-10 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Volatile Organics by EPA 5035/8260 Low - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	99		70-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-06 Date Collected: 05/14/26 11:00

Client ID: SOIL-110-8-10 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/28/26 05:41

Analyst: AJK

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 High - Westborough Lab						
Methylene chloride	ND		ug/kg	260	120	1
1,1-Dichloroethane	ND		ug/kg	52	7.6	1
Chloroform	9.6	J	ug/kg	78	7.3	1
Carbon tetrachloride	ND		ug/kg	52	12.	1
1,2-Dichloropropane	ND		ug/kg	52	6.5	1
Dibromochloromethane	ND		ug/kg	52	7.3	1
1,1,2-Trichloroethane	ND		ug/kg	52	14.	1
Tetrachloroethene	ND		ug/kg	26	10.	1
Chlorobenzene	ND		ug/kg	26	6.6	1
Trichlorofluoromethane	ND		ug/kg	210	36.	1
1,2-Dichloroethane	ND		ug/kg	52	13.	1
1,1,1-Trichloroethane	ND		ug/kg	26	8.8	1
Bromodichloromethane	ND		ug/kg	26	5.7	1
trans-1,3-Dichloropropene	ND		ug/kg	52	14.	1
cis-1,3-Dichloropropene	ND		ug/kg	26	8.3	1
Bromoform	ND		ug/kg	210	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	26	8.7	1
Benzene	ND		ug/kg	26	8.7	1
Toluene	ND		ug/kg	52	28.	1
Ethylbenzene	39	J	ug/kg	52	7.4	1
Chloromethane	ND		ug/kg	210	49.	1
Bromomethane	ND		ug/kg	100	30.	1
Vinyl chloride	ND		ug/kg	52	18.	1
Chloroethane	ND		ug/kg	100	24.	1
1,1-Dichloroethene	ND		ug/kg	52	12.	1
trans-1,2-Dichloroethene	ND		ug/kg	78	7.2	1
Trichloroethene	ND		ug/kg	26	7.2	1
1,2-Dichlorobenzene	77	J	ug/kg	100	7.5	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-06 Date Collected: 05/14/26 11:00

Client ID: SOIL-110-8-10 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 High - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	100	7.8	1
1,4-Dichlorobenzene	18	J	ug/kg	100	9.0	1
Methyl tert butyl ether	ND		ug/kg	100	10.	1
p/m-Xylene	3500		ug/kg	100	29.	1
o-Xylene	2600		ug/kg	52	15.	1
cis-1,2-Dichloroethene	ND		ug/kg	52	9.2	1
Styrene	ND		ug/kg	52	10.	1
Dichlorodifluoromethane	ND		ug/kg	520	48.	1
Acetone	ND		ug/kg	520	250	1
Carbon disulfide	ND		ug/kg	520	240	1
2-Butanone	ND		ug/kg	520	120	1
4-Methyl-2-pentanone	ND		ug/kg	520	67.	1
2-Hexanone	ND		ug/kg	520	62.	1
Bromochloromethane	ND		ug/kg	100	11.	1
1,2-Dibromoethane	ND		ug/kg	52	15.	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	160	52.	1
Isopropylbenzene	840		ug/kg	52	5.7	1
1,2,3-Trichlorobenzene	ND		ug/kg	100	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.	1
Methyl Acetate	ND		ug/kg	210	50.	1
Cyclohexane	ND		ug/kg	520	28.	1
1,4-Dioxane	ND		ug/kg	4200	1800	1
Freon-113	ND		ug/kg	210	36.	1
Methyl cyclohexane	280		ug/kg	210	32.	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-06 Date Collected: 05/14/26 11:00

Client ID: SOIL-110-8-10 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 High - Westborough Lab						
Tentatively Identified Compounds						
Total TIC Compounds	161000	J	ug/kg			1
Unknown Naphthalene	15200	J	ug/kg			1
Unknown	13100	J	ug/kg			1
Unknown Naphthalene	24600	J	ug/kg			1
Unknown Benzene	16400	J	ug/kg			1
Unknown Aromatic	15300	J	ug/kg			1
Unknown Benzene	15900	J	ug/kg			1
Unknown Benzene	14000	J	ug/kg			1
Unknown	16000	J	ug/kg			1
Unknown Benzene	12600	J	ug/kg			1
Unknown Benzene	17800	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	114		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	**185**	Q	70-130
Dibromofluoromethane	97		70-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-07 Date Collected: 05/14/26 11:05

Client ID: SOIL-110-19-20 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/27/26 23:38

Analyst: AJK

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.3	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.86	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.86	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.86	0.11	1
Dibromochloromethane	ND		ug/kg	0.86	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.86	0.23	1
Tetrachloroethene	ND		ug/kg	0.43	0.17	1
Chlorobenzene	ND		ug/kg	0.43	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.60	1
1,2-Dichloroethane	ND		ug/kg	0.86	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	0.86	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.43	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.43	0.14	1
Benzene	ND		ug/kg	0.43	0.14	1
Toluene	ND		ug/kg	0.86	0.47	1
Ethylbenzene	ND		ug/kg	0.86	0.12	1
Chloromethane	ND		ug/kg	3.4	0.80	1
Bromomethane	ND		ug/kg	1.7	0.50	1
Vinyl chloride	ND		ug/kg	0.86	0.29	1
Chloroethane	ND		ug/kg	1.7	0.39	1
1,1-Dichloroethene	ND		ug/kg	0.86	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1
Trichloroethene	6.4		ug/kg	0.43	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-07 Date Collected: 05/14/26 11:05

Client ID: SOIL-110-19-20 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 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	0.86	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.86	0.15	1
Styrene	ND		ug/kg	0.86	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.6	0.79	1
Acetone	ND		ug/kg	8.6	4.2	1
Carbon disulfide	ND		ug/kg	8.6	3.9	1
2-Butanone	ND		ug/kg	8.6	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.6	1.1	1
2-Hexanone	ND		ug/kg	8.6	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.86	0.24	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.86	1
Isopropylbenzene	ND		ug/kg	0.86	0.09	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
Methyl Acetate	ND		ug/kg	3.4	0.82	1
Cyclohexane	ND		ug/kg	8.6	0.47	1
1,4-Dioxane	ND		ug/kg	69	30.	1
Freon-113	ND		ug/kg	3.4	0.60	1
Methyl cyclohexane	ND		ug/kg	3.4	0.52	1

Tentatively Identified Compounds

Total TIC Compounds	4.62	J	ug/kg	1
Unknown	2.36	J	ug/kg	1
Cyclotrisiloxane, Hexamethyl-	2.26	NJ	ug/kg	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-08 Date Collected: 05/14/26 12:00

Client ID: CHA-1 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 1,8260D

Analytical Date: 05/28/26 00:04

Analyst: AJK

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	ND		ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.77	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.60	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-08 Date Collected: 05/14/26 12:00

Client ID: CHA-1 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.62	1
o-Xylene	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.61	1
1,4-Dioxane	ND		ug/kg	89	39.	1
Freon-113	ND		ug/kg	4.4	0.77	1
Methyl cyclohexane	ND		ug/kg	4.4	0.67	1

Tentatively Identified Compounds

Total TIC Compounds	8.44	J	ug/kg			1
Unknown	5.62	J	ug/kg			1
Cyclotrisiloxane, Hexamethyl-	2.82	NJ	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/27/26 21:02
Analyst: ODD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 High - Westborough Lab for sample(s): 06 Batch: WG2219906-5					
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	34	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/27/26 21:02
Analyst: ODD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 High - Westborough Lab for sample(s): 06 Batch: WG2219906-5					
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
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.

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/27/26 21:02
Analyst: ODD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 High - Westborough Lab for sample(s): 06 Batch: WG2219906-5					
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.
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/27/26 21:02
Analyst: ODD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 01-03,05,07-08 Batch: WG2219911-5					
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	0.68	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/27/26 21:02
Analyst: ODD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 01-03,05,07-08 Batch: WG2219911-5					
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
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

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/27/26 21:02
Analyst: ODD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 01-03,05,07-08 Batch: WG2219911-5					
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
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	98		70-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/26 09:00
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 04 Batch: WG2220647-12					
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

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/26 09:00
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 04 Batch: WG2220647-12					
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
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

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/28/26 09:00
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 04 Batch: WG2220647-12					
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
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 High - Westborough Lab Associated sample(s): 06 Batch: WG2219906-3 WG2219906-4								
Methylene chloride	81		79		70-130	3		30
1,1-Dichloroethane	87		83		70-130	5		30
Chloroform	84		81		70-130	4		30
Carbon tetrachloride	78		77		70-130	1		30
1,2-Dichloropropane	87		87		70-130	0		30
Dibromochloromethane	76		77		70-130	1		30
1,1,2-Trichloroethane	86		84		70-130	2		30
Tetrachloroethene	84		79		70-130	6		30
Chlorobenzene	85		80		70-130	6		30
Trichlorofluoromethane	92		87		70-139	6		30
1,2-Dichloroethane	85		86		70-130	1		30
1,1,1-Trichloroethane	84		81		70-130	4		30
Bromodichloromethane	78		78		70-130	0		30
trans-1,3-Dichloropropene	82		80		70-130	2		30
cis-1,3-Dichloropropene	81		81		70-130	0		30
Bromoform	**69**	Q	72		70-130	4		30
1,1,2,2-Tetrachloroethane	85		86		70-130	1		30
Benzene	86		83		70-130	4		30
Toluene	84		80		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 High - Westborough Lab Associated sample(s): 06 Batch: WG2219906-3 WG2219906-4								
Ethylbenzene	86		83		70-130	4		30
Chloromethane	91		85		52-130	7		30
Bromomethane	98		92		57-147	6		30
Vinyl chloride	91		86		67-130	6		30
Chloroethane	87		83		50-151	5		30
1,1-Dichloroethene	81		80		65-135	1		30
trans-1,2-Dichloroethene	81		80		70-130	1		30
Trichloroethene	83		80		70-130	4		30
1,2-Dichlorobenzene	83		82		70-130	1		30
1,3-Dichlorobenzene	85		83		70-130	2		30
1,4-Dichlorobenzene	81		80		70-130	1		30
Methyl tert butyl ether	81		82		66-130	1		30
p/m-Xylene	86		84		70-130	2		30
o-Xylene	86		83		70-130	4		30
cis-1,2-Dichloroethene	80		79		70-130	1		30
Styrene	85		83		70-130	2		30
Dichlorodifluoromethane	79		74		30-146	7		30
Acetone	82		77		54-140	6		30
Carbon disulfide	77		74		59-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 High - Westborough Lab Associated sample(s): 06 Batch: WG2219906-3 WG2219906-4								
2-Butanone	84		88		70-130	5		30
4-Methyl-2-pentanone	90		90		70-130	0		30
2-Hexanone	80		80		70-130	0		30
Bromochloromethane	78		78		70-130	0		30
1,2-Dibromoethane	86		83		70-130	4		30
1,2-Dibromo-3-chloropropane	72		74		68-130	3		30
Isopropylbenzene	87		84		70-130	4		30
1,2,3-Trichlorobenzene	76		78		70-130	3		30
1,2,4-Trichlorobenzene	79		81		70-130	3		30
Methyl Acetate	94		95		51-146	1		30
Cyclohexane	96		92		59-142	4		30
1,4-Dioxane	101		105		65-136	4		30
Freon-113	91		85		50-139	7		30
Methyl cyclohexane	90		86		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 High - Westborough Lab Associated sample(s): 06 Batch: WG2219906-3 WG2219906-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		105		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	96		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 01-03,05,07-08 Batch: WG2219911-3 WG2219911-4								
Methylene chloride	81		79		70-130	3		30
1,1-Dichloroethane	87		83		70-130	5		30
Chloroform	84		81		70-130	4		30
Carbon tetrachloride	78		77		70-130	1		30
1,2-Dichloropropane	87		87		70-130	0		30
Dibromochloromethane	76		77		70-130	1		30
1,1,2-Trichloroethane	86		84		70-130	2		30
Tetrachloroethene	84		79		70-130	6		30
Chlorobenzene	85		80		70-130	6		30
Trichlorofluoromethane	92		87		70-139	6		30
1,2-Dichloroethane	85		86		70-130	1		30
1,1,1-Trichloroethane	84		81		70-130	4		30
Bromodichloromethane	78		78		70-130	0		30
trans-1,3-Dichloropropene	82		80		70-130	2		30
cis-1,3-Dichloropropene	81		81		70-130	0		30
Bromoform	**69**	Q	72		70-130	4		30
1,1,2,2-Tetrachloroethane	85		86		70-130	1		30
Benzene	86		83		70-130	4		30
Toluene	84		80		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 01-03,05,07-08 Batch: WG2219911-3 WG2219911-4								
Ethylbenzene	86		83		70-130	4		30
Chloromethane	91		85		52-130	7		30
Bromomethane	98		92		57-147	6		30
Vinyl chloride	91		86		67-130	6		30
Chloroethane	87		83		50-151	5		30
1,1-Dichloroethene	81		80		65-135	1		30
trans-1,2-Dichloroethene	81		80		70-130	1		30
Trichloroethene	83		80		70-130	4		30
1,2-Dichlorobenzene	83		82		70-130	1		30
1,3-Dichlorobenzene	85		83		70-130	2		30
1,4-Dichlorobenzene	81		80		70-130	1		30
Methyl tert butyl ether	81		82		66-130	1		30
p/m-Xylene	86		84		70-130	2		30
o-Xylene	86		83		70-130	4		30
cis-1,2-Dichloroethene	80		79		70-130	1		30
Styrene	85		83		70-130	2		30
Dichlorodifluoromethane	79		74		30-146	7		30
Acetone	82		77		54-140	6		30
Carbon disulfide	77		74		59-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 01-03,05,07-08 Batch: WG2219911-3 WG2219911-4								
2-Butanone	84		88		70-130	5		30
4-Methyl-2-pentanone	90		90		70-130	0		30
2-Hexanone	80		80		70-130	0		30
Bromochloromethane	78		78		70-130	0		30
1,2-Dibromoethane	86		83		70-130	4		30
1,2-Dibromo-3-chloropropane	72		74		68-130	3		30
Isopropylbenzene	87		84		70-130	4		30
1,2,3-Trichlorobenzene	76		78		70-130	3		30
1,2,4-Trichlorobenzene	79		81		70-130	3		30
Methyl Acetate	94		95		51-146	1		30
Cyclohexane	96		92		59-142	4		30
1,4-Dioxane	101		105		65-136	4		30
Freon-113	91		85		50-139	7		30
Methyl cyclohexane	90		86		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 01-03,05,07-08 Batch: WG2219911-3 WG2219911-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		105		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	99		101		70-130
Dibromofluoromethane	96		98		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 04 Batch: WG2220647-10 WG2220647-11								
Methylene chloride	102		100		70-130	2		30
1,1-Dichloroethane	115		112		70-130	3		30
Chloroform	108		107		70-130	1		30
Carbon tetrachloride	116		114		70-130	2		30
1,2-Dichloropropane	112		111		70-130	1		30
Dibromochloromethane	101		99		70-130	2		30
1,1,2-Trichloroethane	108		104		70-130	4		30
Tetrachloroethene	118		114		70-130	3		30
Chlorobenzene	109		105		70-130	4		30
Trichlorofluoromethane	134		132		70-139	2		30
1,2-Dichloroethane	111		109		70-130	2		30
1,1,1-Trichloroethane	119		114		70-130	4		30
Bromodichloromethane	104		102		70-130	2		30
trans-1,3-Dichloropropene	108		105		70-130	3		30
cis-1,3-Dichloropropene	109		106		70-130	3		30
Bromoform	96		96		70-130	0		30
1,1,2,2-Tetrachloroethane	108		104		70-130	4		30
Benzene	113		111		70-130	2		30
Toluene	111		106		70-130	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 04 Batch: WG2220647-10 WG2220647-11								
Ethylbenzene	115		111		70-130	4		30
Chloromethane	116		115		52-130	1		30
Bromomethane	126		124		57-147	2		30
Vinyl chloride	126		122		67-130	3		30
Chloroethane	118		116		50-151	2		30
1,1-Dichloroethene	119		114		65-135	4		30
trans-1,2-Dichloroethene	112		107		70-130	5		30
Trichloroethene	112		108		70-130	4		30
1,2-Dichlorobenzene	108		105		70-130	3		30
1,3-Dichlorobenzene	111		107		70-130	4		30
1,4-Dichlorobenzene	106		103		70-130	3		30
Methyl tert butyl ether	105		102		66-130	3		30
p/m-Xylene	115		111		70-130	4		30
o-Xylene	110		108		70-130	2		30
cis-1,2-Dichloroethene	107		104		70-130	3		30
Styrene	111		108		70-130	3		30
Dichlorodifluoromethane	114		110		30-146	4		30
Acetone	90		87		54-140	3		30
Carbon disulfide	109		107		59-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 04 Batch: WG2220647-10 WG2220647-11								
2-Butanone	104		103		70-130	1		30
4-Methyl-2-pentanone	114		112		70-130	2		30
2-Hexanone	105		97		70-130	8		30
Bromochloromethane	100		99		70-130	1		30
1,2-Dibromoethane	110		106		70-130	4		30
1,2-Dibromo-3-chloropropane	100		98		68-130	2		30
Isopropylbenzene	119		115		70-130	3		30
1,2,3-Trichlorobenzene	103		102		70-130	1		30
1,2,4-Trichlorobenzene	109		105		70-130	4		30
Methyl Acetate	116		111		51-146	4		30
Cyclohexane	138		132		59-142	4		30
1,4-Dioxane	113		107		65-136	5		30
Freon-113	131		128		50-139	2		30
Methyl cyclohexane	129		125		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 04 Batch: WG2220647-10 WG2220647-11								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		104		70-130
Toluene-d8	101		99		70-130
4-Bromofluorobenzene	104		102		70-130
Dibromofluoromethane	99		98		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

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 5035/8260 Low - Westborough Lab Associated sample(s): 04 QC Batch ID: WG2220647-6 WG2220647-7 QC Sample: L2629626-04 Client ID: SOIL-108-13-15												
Methylene chloride	ND	102	46	**45**	Q	60	**53**	Q	70-130	27		30
1,1-Dichloroethane	ND	102	41	**40**	Q	58	**51**	Q	70-130	**33**	Q	30
Chloroform	ND	102	41	**40**	Q	56	**49**	Q	70-130	**32**	Q	30
Carbon tetrachloride	ND	102	30	**29**	Q	49	**43**	Q	70-130	**48**	Q	30
1,2-Dichloropropane	ND	102	47	**46**	Q	66	**58**	Q	70-130	**33**	Q	30
Dibromochloromethane	ND	102	44	**43**	Q	62	**54**	Q	70-130	**33**	Q	30
1,1,2-Trichloroethane	ND	102	53	**52**	Q	69	**60**	Q	70-130	25		30
Tetrachloroethene	ND	102	25	**24**	Q	44	**38**	Q	70-130	**55**	Q	30
Chlorobenzene	ND	102	30	**29**	Q	49	**43**	Q	70-130	**49**	Q	30
Trichlorofluoromethane	ND	102	34	**33**	Q	52	**46**	Q	70-139	**42**	Q	30
1,2-Dichloroethane	ND	102	56	**54**	Q	70	**62**	Q	70-130	23		30
1,1,1-Trichloroethane	ND	102	34	**33**	Q	53	**46**	Q	70-130	**42**	Q	30
Bromodichloromethane	ND	102	43	**42**	Q	61	**54**	Q	70-130	**34**	Q	30
trans-1,3-Dichloropropene	ND	102	40	**39**	Q	58	**51**	Q	70-130	**37**	Q	30
cis-1,3-Dichloropropene	ND	102	42	**41**	Q	60	**52**	Q	70-130	**35**	Q	30
Bromoform	ND	102	44	**43**	Q	59	**52**	Q	70-130	29		30
1,1,2,2-Tetrachloroethane	ND	102	56	**55**	Q	70	**61**	Q	70-130	21		30
Benzene	ND	102	38	**37**	Q	55	**49**	Q	70-130	**37**	Q	30
Toluene	ND	102	31	**30**	Q	49	**43**	Q	70-130	**46**	Q	30

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

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 5035/8260 Low - Westborough Lab Associated sample(s): 04 QC Batch ID: WG2220647-6 WG2220647-7 QC Sample: L2629626-04 Client ID: SOIL-108-13-15												
Ethylbenzene	ND	102	28	**27**	Q	48	**42**	Q	70-130	**54**	Q	30
Chloromethane	ND	102	37	**36**	Q	53	**47**	Q	52-130	**36**	Q	30
Bromomethane	ND	102	42	**41**	Q	57	**50**	Q	57-147	30		30
Vinyl chloride	ND	102	35	**34**	Q	50	**44**	Q	67-130	**35**	Q	30
Chloroethane	ND	102	35	**34**	Q	52	**46**	Q	50-151	**39**	Q	30
1,1-Dichloroethene	ND	102	32	**31**	Q	47	**42**	Q	65-135	**38**	Q	30
trans-1,2-Dichloroethene	ND	102	33	**32**	Q	48	**42**	Q	70-130	**39**	Q	30
Trichloroethene	0.44J	102	34	**33**	Q	52	**45**	Q	70-130	**41**	Q	30
1,2-Dichlorobenzene	ND	102	27	**26**	Q	46	**41**	Q	70-130	**53**	Q	30
1,3-Dichlorobenzene	ND	102	22	**22**	Q	41	**36**	Q	70-130	**60**	Q	30
1,4-Dichlorobenzene	ND	102	22	**21**	Q	40	**35**	Q	70-130	**59**	Q	30
Methyl tert butyl ether	ND	102	67	**65**	Q	80	70		66-130	18		30
p/m-Xylene	ND	205	54	**26**	Q	95	**42**	Q	70-130	**54**	Q	30
o-Xylene	ND	205	61	**30**	Q	100	**45**	Q	70-130	**51**	Q	30
cis-1,2-Dichloroethene	ND	102	38	**37**	Q	54	**47**	Q	70-130	**34**	Q	30
Styrene	ND	205	59	**29**	Q	100	**44**	Q	70-130	**53**	Q	30
Dichlorodifluoromethane	ND	102	27	**27**	Q	40	35		30-146	**37**	Q	30
Acetone	ND	102	110	103		100	91		54-140	3		30
Carbon disulfide	ND	102	28	**27**	Q	43	**38**	Q	59-130	**42**	Q	30

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

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 5035/8260 Low - Westborough Lab Associated sample(s): 04 QC Batch ID: WG2220647-6 WG2220647-7 QC Sample: L2629626-04 Client ID: SOIL-108-13-15												
2-Butanone	ND	102	96	93		100	89		70-130	6		30
4-Methyl-2-pentanone	ND	102	82	80		92	81		70-130	11		30
2-Hexanone	ND	102	70	**68**	Q	79	**69**	Q	70-130	12		30
Bromochloromethane	ND	102	50	**49**	Q	64	**56**	Q	70-130	24		30
1,2-Dibromoethane	ND	102	51	**50**	Q	68	**59**	Q	70-130	28		30
1,2-Dibromo-3-chloropropane	ND	102	53	**51**	Q	66	**58**	Q	68-130	23		30
Isopropylbenzene	ND	102	25	**25**	Q	46	**40**	Q	70-130	**58**	Q	30
1,2,3-Trichlorobenzene	ND	102	21	**20**	Q	38	**34**	Q	70-130	**59**	Q	30
1,2,4-Trichlorobenzene	ND	102	18	**17**	Q	34	**30**	Q	70-130	**63**	Q	30
Methyl Acetate	ND	102	120	114		120	107		51-146	4		30
Cyclohexane	ND	102	34	**33**	Q	52	**46**	Q	59-142	**43**	Q	30
1,4-Dioxane	ND	5120	ND	**0**	Q	5600	98		65-136	NC		30
Freon-113	ND	102	33	**32**	Q	50	**44**	Q	50-139	**41**	Q	30
Methyl cyclohexane	ND	102	30	**29**	Q	48	**42**	Q	70-130	**47**	Q	30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	130		119		70-130
4-Bromofluorobenzene	103		102		70-130
Dibromofluoromethane	106		105		70-130
Toluene-d8	97		98		70-130

SEMIVOLATILES

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-01
Client ID: SOIL-105-16-18
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 08:50
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/26 11:18
Analyst: LJG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	35	16.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-01 Date Collected: 05/14/26 08:50

Client ID: SOIL-105-16-18 Date Received: 05/14/26

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	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		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	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	23.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	17.	1
Atrazine	ND		ug/kg	140	62.	1
Benzaldehyde	ND		ug/kg	230	47.	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-01 Date Collected: 05/14/26 08:50

Client ID: SOIL-105-16-18 Date Received: 05/14/26

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	53.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	180	36.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1
Tentatively Identified Compounds						
Total TIC Compounds	1640	J	ug/kg			1
Unknown	1640	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	99		25-120
Phenol-d6	113		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	51		18-120

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-01
Client ID: SOIL-105-16-18
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 08:50
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 06/05/26 13:00
Analyst: AC
Percent Solids: 95%

Extraction Method: EPA 1633
Extraction Date: 05/29/26 11:14
Cleanup Method: EPA 1633
Cleanup Date: 05/29/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.791	0.530	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.396	0.079	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.198	0.049	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.791	0.152	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.198	0.162	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.198	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.198	0.071	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.198	0.049	1
Perfluorooctanoic Acid (PFOA)	0.107	J	ng/g	0.198	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.791	0.475	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.198	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.198	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	0.184	J	ng/g	0.198	0.103	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.198	0.049	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.791	0.233	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.198	0.093	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.198	0.095	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.198	0.087	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.198	0.093	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.198	0.113	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.198	0.077	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.198	0.099	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.198	0.091	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.198	0.144	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.791	0.158	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.791	0.281	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-01 Date Collected: 05/14/26 08:50

Client ID: SOIL-105-16-18 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.198	0.093	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.791	0.154	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.791	0.392	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.198	0.059	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.198	0.065	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.98	0.247	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.98	0.239	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.396	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.396	0.051	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.396	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.396	0.119	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.989	0.342	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.94	1.39	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.94	1.93	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-01 Date Collected: 05/14/26 08:50

Client ID: SOIL-105-16-18 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	79		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	84		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	77		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	78		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	99		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	83		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	81		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	83		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	65		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	68		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	58		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	91		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	84		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	51		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	46		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	73		15-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-02
Client ID: SOIL-106-12-14
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 12:45
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/26 08:53
Analyst: LJG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

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	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	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	150		ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	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	26.	1
Naphthalene	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	39	17.	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	50.	1
Di-n-butylphthalate	ND		ug/kg	200	37.	1
Di-n-octylphthalate	ND		ug/kg	200	67.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	41.	1
Benzo(a)anthracene	64	J	ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-02 Date Collected: 05/14/26 12:45

Client ID: SOIL-106-12-14 Date Received: 05/14/26

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	52	J	ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	48	J	ug/kg	120	20.	1
Acenaphthylene	ND		ug/kg	160	30.	1
Anthracene	45	J	ug/kg	120	38.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	170		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	120		ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	37.	1
4-Nitroaniline	ND		ug/kg	200	82.	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	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	37.	1
p-Chloro-m-cresol	ND		ug/kg	200	29.	1
2-Chlorophenol	ND		ug/kg	200	23.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	430	74.	1
4-Nitrophenol	ND		ug/kg	280	80.	1
2,4-Dinitrophenol	ND		ug/kg	950	92.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	95.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	69.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-02 Date Collected: 05/14/26 12:45

Client ID: SOIL-106-12-14 Date Received: 05/14/26

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
1,4-Dioxane	ND		ug/kg	30	9.1	1
Tentatively Identified Compounds						
Total TIC Compounds	1530	J	ug/kg			1
Unknown	1530	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	83		30-120
2,4,6-Tribromophenol	75		10-136
4-Terphenyl-d14	57		18-120

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-02
Client ID: SOIL-106-12-14
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 12:45
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 06/05/26 13:28
Analyst: AC
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 05/29/26 11:14
Cleanup Method: EPA 1633
Cleanup Date: 05/29/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.804	0.539	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.402	0.080	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.201	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.804	0.155	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.201	0.165	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.201	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.201	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.201	0.050	1
Perfluorooctanoic Acid (PFOA)	0.097	J	ng/g	0.201	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.804	0.482	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.201	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.201	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	0.213		ng/g	0.201	0.104	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.201	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.804	0.237	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.201	0.095	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.201	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.201	0.088	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.201	0.095	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.201	0.114	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.201	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.201	0.100	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.201	0.093	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.201	0.147	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.804	0.161	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.804	0.285	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-02 Date Collected: 05/14/26 12:45

Client ID: SOIL-106-12-14 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.201	0.095	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.804	0.157	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.804	0.398	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.201	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.201	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.01	0.251	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.01	0.243	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.402	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.402	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.402	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.402	0.121	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.348	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.02	1.41	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.02	1.96	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-02 Date Collected: 05/14/26 12:45

Client ID: SOIL-106-12-14 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	85		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	83		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	81		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	84		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	86		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	92		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	86		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	85		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	65		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	86		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	73		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	58		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	73		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	79		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	36		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	36		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	74		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	62		15-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-03
Client ID: SOIL-107-14-16
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 09:20
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/26 10:42
Analyst: LJG
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

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	38	17.	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: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-03 Date Collected: 05/14/26 09:20

Client ID: SOIL-107-14-16 Date Received: 05/14/26

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	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	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: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-03 Date Collected: 05/14/26 09:20

Client ID: SOIL-107-14-16 Date Received: 05/14/26

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	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	1560	J	ug/kg			1
Unknown	1560	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	92		30-120
2,4,6-Tribromophenol	79		10-136
4-Terphenyl-d14	54		18-120

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-03
Client ID: SOIL-107-14-16
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 09:20
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 06/05/26 13:37
Analyst: AC
Percent Solids: 87%

Extraction Method: EPA 1633
Extraction Date: 05/29/26 11:14
Cleanup Method: EPA 1633
Cleanup Date: 05/29/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.796	0.534	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.398	0.080	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.199	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.796	0.153	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.199	0.163	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.199	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.199	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.199	0.050	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.199	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.796	0.478	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.199	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.199	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.199	0.104	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.199	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.796	0.235	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.199	0.094	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.199	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.199	0.088	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.199	0.094	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.199	0.113	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.199	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.199	0.100	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.199	0.092	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.199	0.145	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.796	0.159	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.796	0.283	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-03 Date Collected: 05/14/26 09:20

Client ID: SOIL-107-14-16 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.199	0.094	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.796	0.155	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.796	0.394	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.199	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.199	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	1.99	0.249	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	1.99	0.241	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.398	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.398	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.398	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.398	0.119	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.995	0.344	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.98	1.40	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.98	1.94	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-03 Date Collected: 05/14/26 09:20

Client ID: SOIL-107-14-16 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	73		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	73		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	69		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	69		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	94		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	65		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	73		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	83		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	60		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	77		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	58		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	49		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	80		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	68		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	54		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	75		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	37		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	37		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	78		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	68		15-130

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-04
Client ID: SOIL-108-13-15
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 10:00
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/26 07:59
Analyst: LJG
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	28	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	360		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	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	38	17.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	160		ug/kg	110	21.	1
Benzo(a)pyrene	130	J	ug/kg	150	46.	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-04 Date Collected: 05/14/26 10:00

Client ID: SOIL-108-13-15 Date Received: 05/14/26

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	160		ug/kg	110	32.	1
Benzo(k)fluoranthene	67	J	ug/kg	110	30.	1
Chrysene	140		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	62	J	ug/kg	110	37.	1
Benzo(ghi)perylene	82	J	ug/kg	150	22.	1
Fluorene	26	J	ug/kg	190	18.	1
Phenanthrene	280		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	71	J	ug/kg	150	26.	1
Pyrene	320		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	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	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	24	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-04 Date Collected: 05/14/26 10:00

Client ID: SOIL-108-13-15 Date Received: 05/14/26

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	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1
Tentatively Identified Compounds						
Total TIC Compounds	1920	J	ug/kg			1
Unknown	1920	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	105		25-120
Phenol-d6	116		10-120
Nitrobenzene-d5	113		23-120
2-Fluorobiphenyl	103		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	63		18-120

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-04
Client ID: SOIL-108-13-15
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 10:00
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 06/05/26 13:46
Analyst: AC
Percent Solids: 88%

Extraction Method: EPA 1633
Extraction Date: 05/29/26 11:14
Cleanup Method: EPA 1633
Cleanup Date: 05/29/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.799	0.535	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.080	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.799	0.154	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.164	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.050	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.799	0.479	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.104	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.799	0.236	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.088	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.094	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.114	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.100	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.146	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.799	0.160	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.799	0.284	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-04 Date Collected: 05/14/26 10:00

Client ID: SOIL-108-13-15 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.094	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.799	0.156	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.799	0.396	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	0.999	0.346	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	4.99	1.40	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	4.99	1.95	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-04 Date Collected: 05/14/26 10:00

Client ID: SOIL-108-13-15 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	75		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	90		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	85		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	77		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	98		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	67		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	81		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	56		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	65		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	71		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	51		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	83		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	37		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	33		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	80		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	66		15-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-05
Client ID: SOIL-109-8-10
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 11:30
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/26 03:50
Analyst: LJG
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

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	38	17.	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: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-05 Date Collected: 05/14/26 11:30

Client ID: SOIL-109-8-10 Date Received: 05/14/26

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	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	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: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-05 Date Collected: 05/14/26 11:30

Client ID: SOIL-109-8-10 Date Received: 05/14/26

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
Tentatively Identified Compounds						
Total TIC Compounds	1580	J	ug/kg			1
Unknown	1580	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	88		10-120
Nitrobenzene-d5	85		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	59		18-120

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-05
Client ID: SOIL-109-8-10
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 11:30
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 06/05/26 14:13
Analyst: AC
Percent Solids: 86%

Extraction Method: EPA 1633
Extraction Date: 05/29/26 11:14
Cleanup Method: EPA 1633
Cleanup Date: 05/29/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.805	0.539	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.402	0.081	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.201	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.805	0.155	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.201	0.165	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.201	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.201	0.073	1
Perfluorohexanesulfonic Acid (PFHxS)	0.079	J	ng/g	0.201	0.050	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.201	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.805	0.483	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.201	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.201	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	0.286		ng/g	0.201	0.105	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.201	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.805	0.238	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.201	0.095	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.201	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.201	0.089	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.201	0.095	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.201	0.115	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.201	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.201	0.101	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.201	0.093	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.201	0.147	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.805	0.161	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.805	0.286	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-05 Date Collected: 05/14/26 11:30

Client ID: SOIL-109-8-10 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.201	0.095	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.805	0.157	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.805	0.398	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.201	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.201	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.01	0.252	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.01	0.244	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.402	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.402	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.402	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.402	0.121	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.01	0.348	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.03	1.41	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.03	1.96	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-05 Date Collected: 05/14/26 11:30

Client ID: SOIL-109-8-10 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	73		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	76		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	82		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	73		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	72		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	86		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	81		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	89		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	63		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	80		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	70		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	52		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	82		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	66		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	59		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	70		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	59		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	69		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	34		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	33		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	70		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	64		15-130

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-06
Client ID: SOIL-110-8-10
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 11:00
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/26 05:01
Analyst: LJG
Percent Solids: 85%

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	47	J	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	43	J	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	160	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	38	17.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	1800		ug/kg	190	66.	1
Butyl benzyl phthalate	220		ug/kg	190	48.	1
Di-n-butylphthalate	52	J	ug/kg	190	36.	1
Di-n-octylphthalate	160	J	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: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-06 Date Collected: 05/14/26 11:00

Client ID: SOIL-110-8-10 Date Received: 05/14/26

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	70	J	ug/kg	190	19.	1
Phenanthrene	64	J	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	41	J	ug/kg	120	19.	1
Biphenyl	58	J	ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	110	J	ug/kg	190	18.	1
2-Methylnaphthalene	4300		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: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-06 Date Collected: 05/14/26 11:00

Client ID: SOIL-110-8-10 Date Received: 05/14/26

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
1,4-Dioxane	ND		ug/kg	29	8.8	1
Tentatively Identified Compounds						
Total TIC Compounds	29700	J	ug/kg			1
Unknown Cycloalkane	1230	J	ug/kg			1
Unknown Alkane	1480	J	ug/kg			1
Unknown Benzene	1630	J	ug/kg			1
Unknown	1770	J	ug/kg			1
Unknown Benzene	1930	J	ug/kg			1
Unknown Cycloalkane	2260	J	ug/kg			1
Unknown	1480	J	ug/kg			1
Unknown Alkane	2480	J	ug/kg			1
Unknown Alkane	1230	J	ug/kg			1
Unknown Cycloalkane	1490	J	ug/kg			1
Unknown	1950	J	ug/kg			1
Unknown Alkane	3110	J	ug/kg			1
Unknown Benzene	2120	J	ug/kg			1
Unknown	1770	J	ug/kg			1
Unknown Alkane	3790	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	111		10-120
Nitrobenzene-d5	**151**	Q	23-120
2-Fluorobiphenyl	95		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	78		18-120

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-06
Client ID: SOIL-110-8-10
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 11:00
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 06/05/26 14:22
Analyst: AC
Percent Solids: 85%

Extraction Method: EPA 1633
Extraction Date: 05/29/26 11:14
Cleanup Method: EPA 1633
Cleanup Date: 05/29/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.808	0.541	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.404	0.081	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.202	0.051	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.808	0.156	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.202	0.166	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.202	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.202	0.073	1
Perfluorohexanesulfonic Acid (PFHxS)	0.067	J	ng/g	0.202	0.051	1
Perfluorooctanoic Acid (PFOA)	0.051	J	ng/g	0.202	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.808	0.485	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.202	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.202	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	0.149	J	ng/g	0.202	0.105	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.202	0.051	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.808	0.238	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.202	0.095	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.202	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.202	0.089	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.202	0.095	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.202	0.115	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.202	0.079	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.202	0.101	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.202	0.093	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.202	0.147	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.808	0.162	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.808	0.287	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-06 Date Collected: 05/14/26 11:00

Client ID: SOIL-110-8-10 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.202	0.095	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.808	0.158	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.808	0.400	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.202	0.061	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.202	0.067	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.02	0.252	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.02	0.244	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.404	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.404	0.053	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.404	0.049	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.404	0.121	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.01	0.349	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.05	1.42	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.05	1.97	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-06 Date Collected: 05/14/26 11:00

Client ID: SOIL-110-8-10 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	71		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	70		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	66		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	79		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	97		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	70		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	71		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	70		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	97		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	62		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	67		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	57		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	93		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	75		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	70		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	33		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	36		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	72		15-130

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-07
Client ID: SOIL-110-19-20
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 11:05
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/26 09:30
Analyst: LJG
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

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	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	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	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	36	16.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1
Diethyl phthalate	ND		ug/kg	180	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: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-07 Date Collected: 05/14/26 11:05

Client ID: SOIL-110-19-20 Date Received: 05/14/26

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	23.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	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	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Carbazole	ND		ug/kg	180	18.	1
Atrazine	ND		ug/kg	140	63.	1
Benzaldehyde	ND		ug/kg	240	49.	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-07 Date Collected: 05/14/26 11:05

Client ID: SOIL-110-19-20 Date Received: 05/14/26

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	36.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1
Tentatively Identified Compounds						
Total TIC Compounds	1800	J	ug/kg			1
Unknown	1800	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	104		25-120
Phenol-d6	119		10-120
Nitrobenzene-d5	114		23-120
2-Fluorobiphenyl	106		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	69		18-120

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-08
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 12:00
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/20/26 03:14
Analyst: LJG
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

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	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	ND		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	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	ND		ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	39	17.	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	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-08 Date Collected: 05/14/26 12:00

Client ID: CHA-1 Date Received: 05/14/26

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	200	19.	1
Phenanthrene	ND		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	27.	1
Pyrene	ND		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	450	25.	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	ND		ug/kg	200	18.	1
2-Methylnaphthalene	ND		ug/kg	240	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	ND		ug/kg	200	65.	1
2-Nitrophenol	ND		ug/kg	420	74.	1
4-Nitrophenol	ND		ug/kg	270	80.	1
2,4-Dinitrophenol	ND		ug/kg	940	91.	1
4,6-Dinitro-o-cresol	ND		ug/kg	510	94.	1
Pentachlorophenol	ND		ug/kg	160	43.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	68.	1
Benzaldehyde	ND		ug/kg	260	53.	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-08 Date Collected: 05/14/26 12:00

Client ID: CHA-1 Date Received: 05/14/26

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
1,4-Dioxane	ND		ug/kg	29	9.0	1
Tentatively Identified Compounds						
Total TIC Compounds	1980	J	ug/kg			1
Unknown	1980	J	ug/kg			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	102		25-120
Phenol-d6	117		10-120
Nitrobenzene-d5	111		23-120
2-Fluorobiphenyl	111		30-120
2,4,6-Tribromophenol	102		10-136
4-Terphenyl-d14	70		18-120

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-08
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 05/14/26 12:00
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 168,1633A
Analytical Date: 06/05/26 14:51
Analyst: AC
Percent Solids: 84%

Extraction Method: EPA 1633
Extraction Date: 05/29/26 11:14
Cleanup Method: EPA 1633
Cleanup Date: 05/29/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.804	0.539	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.402	0.080	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.201	0.050	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.804	0.155	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.201	0.165	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.201	0.028	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.201	0.072	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.201	0.050	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.201	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.804	0.482	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.201	0.034	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.201	0.032	1
Perfluorooctanesulfonic Acid (PFOS)	0.290		ng/g	0.201	0.104	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.201	0.050	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.804	0.237	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.201	0.095	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.201	0.097	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.201	0.089	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.201	0.095	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.201	0.115	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.201	0.078	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.201	0.100	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.201	0.093	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.201	0.147	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.804	0.161	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.804	0.286	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-08 Date Collected: 05/14/26 12:00

Client ID: CHA-1 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.201	0.095	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.804	0.157	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.804	0.398	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.201	0.060	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.201	0.066	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.01	0.251	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.01	0.243	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.402	0.036	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.402	0.052	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.402	0.048	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.402	0.121	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.348	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.03	1.41	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.03	1.96	1

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-08 Date Collected: 05/14/26 12:00

Client ID: CHA-1 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	73		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	75		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	71		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	73		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	70		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	87		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	75		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	61		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	76		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	69		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	53		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	79		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	69		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	62		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	66		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	56		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	68		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	37		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	35		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	80		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	67		15-130

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/20/26 01:12
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2215620-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	33	14.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/20/26 01:12
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2215620-1					
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	51	J	ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/20/26 01:12
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2215620-1					
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	25	7.6

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/20/26 01:12
Analyst: CMM

Extraction Method: EPA 3546
Extraction Date: 05/19/26 13:51

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG2215620-1					
Tentatively Identified Compounds					
Total TIC Compounds	1010	J	ug/kg		
Unknown	1010	J	ug/kg		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	93		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	101		30-120
2,4,6-Tribromophenol	101		10-136
4-Terphenyl-d14	90		18-120

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 06/05/26 11:12
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/29/26 11:14
Cleanup Method: EPA 1633
Cleanup Date: 05/29/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-06,08 Batch: WG2220230-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.800	0.536
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.400	0.080
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/g	0.800	0.154
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.200	0.164
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/g	0.200	0.028
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.200	0.072
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.200	0.050
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.200	0.044
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.800	0.480
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.200	0.034
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.200	0.032
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.200	0.104
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.200	0.050
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.800	0.236
Perfluorononanesulfonic Acid (PFNS)	ND		ng/g	0.200	0.094
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.200	0.096
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.200	0.088
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.200	0.094
Perfluorooctanesulfonamide (PFOSA)	ND		ng/g	0.200	0.114
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.200	0.078
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.200	0.100
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.200	0.092

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 06/05/26 11:12
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/29/26 11:14
Cleanup Method: EPA 1633
Cleanup Date: 05/29/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-06,08 Batch: WG2220230-1					
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/g	0.200	0.146
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/g	0.800	0.160
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/g	0.800	0.284
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/g	0.200	0.094
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/g	0.800	0.156
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/g	0.800	0.396
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/g	0.200	0.060
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/g	0.200	0.066
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/g	2.00	0.250
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/g	2.00	0.242
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/g	0.400	0.036
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/g	0.400	0.052
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/g	0.400	0.048
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/g	0.400	0.120
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/g	1.00	0.346
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/g	5.00	1.40
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/g	5.00	1.95

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 06/05/26 11:12
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 05/29/26 11:14
Cleanup Method: EPA 1633
Cleanup Date: 05/29/26

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-06,08 Batch: WG2220230-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	75		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	81		35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	73		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	71		40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	77		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	84		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	76		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	70		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	78		40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	95		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	67		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	83		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	68		40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	55		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	73		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	68		40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	74		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	55		20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	71		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	31		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	30		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	79		20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	76		15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2215620-2 WG2215620-3								
Acenaphthene	73		82		31-137	12		50
Hexachlorobenzene	83		82		40-140	1		50
Bis(2-chloroethyl)ether	75		80		40-140	6		50
2-Chloronaphthalene	77		82		40-140	6		50
3,3'-Dichlorobenzidine	58		58		40-140	0		50
2,4-Dinitrotoluene	78		81		40-132	4		50
2,6-Dinitrotoluene	78		87		40-140	11		50
Fluoranthene	78		79		40-140	1		50
4-Chlorophenyl phenyl ether	78		79		40-140	1		50
4-Bromophenyl phenyl ether	80		84		40-140	5		50
Bis(2-chloroisopropyl)ether	65		67		40-140	3		50
Bis(2-chloroethoxy)methane	73		74		40-117	1		50
Hexachlorobutadiene	76		77		40-140	1		50
Hexachlorocyclopentadiene	80		82		40-140	2		50
Hexachloroethane	74		75		40-140	1		50
Isophorone	74		76		40-140	3		50
Naphthalene	77		78		40-140	1		50
Nitrobenzene	75		76		40-140	1		50
NDPA/DPA	75		76		36-157	1		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2215620-2 WG2215620-3								
n-Nitrosodi-n-propylamine	68		70		32-121	3		50
Bis(2-ethylhexyl)phthalate	78		79		40-140	1		50
Butyl benzyl phthalate	79		79		40-140	0		50
Di-n-butylphthalate	78		79		40-140	1		50
Di-n-octylphthalate	76		83		40-140	9		50
Diethyl phthalate	77		83		40-140	8		50
Dimethyl phthalate	78		87		40-140	11		50
Benzo(a)anthracene	75		76		40-140	1		50
Benzo(a)pyrene	80		83		40-140	4		50
Benzo(b)fluoranthene	79		79		40-140	0		50
Benzo(k)fluoranthene	76		80		40-140	5		50
Chrysene	76		77		40-140	1		50
Acenaphthylene	78		85		40-140	9		50
Anthracene	75		76		40-140	1		50
Benzo(ghi)perylene	80		79		40-140	1		50
Fluorene	78		80		40-140	3		50
Phenanthrene	77		79		40-140	3		50
Dibenzo(a,h)anthracene	76		77		40-140	1		50
Indeno(1,2,3-cd)pyrene	72		75		40-140	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2215620-2 WG2215620-3								
Pyrene	78		79		35-142	1		50
Biphenyl	72		78		37-127	8		50
4-Chloroaniline	59		63		40-140	7		50
2-Nitroaniline	75		82		47-134	9		50
3-Nitroaniline	68		71		26-129	4		50
4-Nitroaniline	75		79		41-125	5		50
Dibenzofuran	72		74		40-140	3		50
2-Methylnaphthalene	75		78		40-140	4		50
1,2,4,5-Tetrachlorobenzene	73		75		40-117	3		50
Acetophenone	73		74		14-144	1		50
2,4,6-Trichlorophenol	74		80		30-130	8		50
p-Chloro-m-cresol	73		78		26-103	7		50
2-Chlorophenol	76		78		25-102	3		50
2,4-Dichlorophenol	80		82		30-130	2		50
2,4-Dimethylphenol	79		83		30-130	5		50
2-Nitrophenol	73		75		30-130	3		50
4-Nitrophenol	75		77		11-114	3		50
2,4-Dinitrophenol	76		83		4-130	9		50
4,6-Dinitro-o-cresol	78		83		10-130	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG2215620-2 WG2215620-3								
Pentachlorophenol	84		91		17-109	8		50
Phenol	75		75		26-90	0		50
2-Methylphenol	74		78		30-130	5		50
3-Methylphenol/4-Methylphenol	74		77		30-130	4		50
2,4,5-Trichlorophenol	79		84		30-130	6		50
Carbazole	73		75		54-128	3		50
Atrazine	76		82		40-140	8		50
Benzaldehyde	72		76		40-140	5		50
Caprolactam	72		78		15-130	8		50
2,3,4,6-Tetrachlorophenol	78		78		40-140	0		50
1,4-Dioxane	53		51		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	74		76		25-120
Phenol-d6	81		83		10-120
Nitrobenzene-d5	76		76		23-120
2-Fluorobiphenyl	85		89		30-120
2,4,6-Tribromophenol	87		88		10-136
4-Terphenyl-d14	76		78		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 Batch: WG2220230-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	110		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	92		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	97		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	106		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	108		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	86		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	85		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	112		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	96		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	127		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		65-155	-		
Perfluorononanoic Acid (PFNA)	84		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	93		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	104		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	116		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	90		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	100		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	92		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 Batch: WG2220230-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	82		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	102		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	128		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	102		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	94		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	110		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	112		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	91		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	48		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	96		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	83		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	91		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	96		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	96		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	90		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	94		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 Batch: WG2220230-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	98		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	97		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	125		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	96		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	105		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	76		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 Batch: WG2220230-2 LOW LEVEL								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	81				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	87				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	77				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	82				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	77				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	80				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	99				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	75				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	72				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	62				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	67				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	68				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	44				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	77				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	39				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	37				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77				15-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 Batch: WG2220230-3								
Perfluorobutanoic Acid (PFBA)	112		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	113		-		60-150	-		
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	121		-		60-150	-		
Perfluorohexanoic Acid (PFHxA)	106		-		65-140	-		
Perfluoropentanesulfonic Acid (PFPeS)	99		-		55-160	-		
Perfluoroheptanoic Acid (PFHpA)	114		-		65-145	-		
Perfluorohexanesulfonic Acid (PFHxS)	98		-		60-150	-		
Perfluorooctanoic Acid (PFOA)	107		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	115		-		55-200	-		
Perfluoroheptanesulfonic Acid (PFHpS)	113		-		65-155	-		
Perfluorononanoic Acid (PFNA)	85		-		70-155	-		
Perfluorooctanesulfonic Acid (PFOS)	112		-		65-160	-		
Perfluorodecanoic Acid (PFDA)	117		-		70-155	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	130		-		70-150	-		
Perfluorononanesulfonic Acid (PFNS)	110		-		55-140	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	104		-		65-155	-		
Perfluoroundecanoic Acid (PFUnA)	102		-		70-155	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 Batch: WG2220230-3								
Perfluorodecanesulfonic Acid (PFDS)	105		-		40-155	-		
Perfluorooctanesulfonamide (PFOSA)	103		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	96		-		65-165	-		
Perfluorododecanoic Acid (PFDoA)	97		-		70-150	-		
Perfluorotridecanoic Acid (PFTrDA)	83		-		65-150	-		
Perfluorotetradecanoic Acid (PFTeDA)	112		-		65-150	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	122		-		70-145	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	100		-		70-160	-		
Perfluorododecanesulfonic Acid (PFDoS)	75		-		25-160	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	110		-		70-150	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	104		-		45-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	101		-		70-155	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	96		-		70-140	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	98		-		70-140	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	102		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	102		-		30-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 Batch: WG2220230-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	112		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	102		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	130		-		60-155	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	119		-		45-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	114		-		60-130	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	81		-		60-150	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 Batch: WG2220230-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77				8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	78				35-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	79				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	78				40-165
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	82				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	85				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	85				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	80				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	82				40-215
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	92				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	63				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	85				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	75				40-275
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	59				40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87				40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	76				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	70				40-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	78				40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	50				20-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	76				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	42				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	42				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89				20-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	75				15-130

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

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): 01-08 QC Batch ID: WG2215620-4 WG2215620-5 QC Sample: L2629626-04 Client ID: SOIL-108-13-15												
Acenaphthene	28J	1490	1400	94		1300	87		31-137	7		50
Hexachlorobenzene	ND	1490	1300	87		1200	80		40-140	8		50
Bis(2-chloroethyl)ether	ND	1490	1400	94		1300	87		40-140	7		50
2-Chloronaphthalene	ND	1490	1400	94		1300	87		40-140	7		50
3,3'-Dichlorobenzidine	ND	1490	1200	80		1100	74		40-140	9		50
2,4-Dinitrotoluene	ND	1490	1500	100		1400	94		40-132	7		50
2,6-Dinitrotoluene	ND	1490	1400	94		1400	94		40-140	0		50
Fluoranthene	360	1490	1600	83		1400	70		40-140	13		50
4-Chlorophenyl phenyl ether	ND	1490	1400	94		1200	80		40-140	15		50
4-Bromophenyl phenyl ether	ND	1490	1300	87		1300	87		40-140	0		50
Bis(2-chloroisopropyl)ether	ND	1490	1400	94		1300	87		40-140	7		50
Bis(2-chloroethoxy)methane	ND	1490	1500	100		1400	94		40-117	7		50
Hexachlorobutadiene	ND	1490	1300	87		1100	74		40-140	17		50
Hexachlorocyclopentadiene	ND	1490	900	60		900	60		40-140	0		50
Hexachloroethane	ND	1490	1300	87		1200	80		40-140	8		50
Isophorone	ND	1490	1500	100		1400	94		40-140	7		50
Naphthalene	ND	1490	1400	94		1300	87		40-140	7		50
Nitrobenzene	ND	1490	1400	94		1400	94		40-140	0		50
NDPA/DPA	ND	1490	1300	87		1200	80		36-157	8		50

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

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): 01-08 QC Batch ID: WG2215620-4 WG2215620-5 QC Sample: L2629626-04 Client ID: SOIL-108-13-15												
n-Nitrosodi-n-propylamine	ND	1490	1400	94		1400	94		32-121	0		50
Bis(2-ethylhexyl)phthalate	ND	1490	1600	110		1400	94		40-140	13		50
Butyl benzyl phthalate	ND	1490	1600	110		1400	94		40-140	13		50
Di-n-butylphthalate	ND	1490	1500	100		1400	94		40-140	7		50
Di-n-octylphthalate	ND	1490	1700	110		1500	100		40-140	13		50
Diethyl phthalate	ND	1490	1400	94		1400	94		40-140	0		50
Dimethyl phthalate	ND	1490	1400	94		1400	94		40-140	0		50
Benzo(a)anthracene	160	1490	1400	83		1400	83		40-140	0		50
Benzo(a)pyrene	130J	1490	1400	94		1200	80		40-140	15		50
Benzo(b)fluoranthene	160	1490	1400	83		1200	70		40-140	15		50
Benzo(k)fluoranthene	67J	1490	1300	87		1200	80		40-140	8		50
Chrysene	140	1490	1400	84		1200	71		40-140	15		50
Acenaphthylene	ND	1490	1400	94		1400	94		40-140	0		50
Anthracene	62J	1490	1400	94		1300	87		40-140	7		50
Benzo(ghi)perylene	82J	1490	1300	87		1100	74		40-140	17		50
Fluorene	26J	1490	1400	94		1400	94		40-140	0		50
Phenanthrene	280	1490	1500	82		1400	75		40-140	7		50
Dibenzo(a,h)anthracene	ND	1490	1300	87		1200	80		40-140	8		50
Indeno(1,2,3-cd)pyrene	71J	1490	1300	87		1200	80		40-140	8		50

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

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): 01-08 QC Batch ID: WG2215620-4 WG2215620-5 QC Sample: L2629626-04 Client ID: SOIL-108-13-15												
Pyrene	320	1490	1600	86		1400	72		35-142	13		50
Biphenyl	ND	1490	1200	80		1200	80		37-127	0		50
4-Chloroaniline	ND	1490	940	63		1100	74		40-140	16		50
2-Nitroaniline	ND	1490	1400	94		1500	100		47-134	7		50
3-Nitroaniline	ND	1490	1200	80		1200	80		26-129	0		50
4-Nitroaniline	ND	1490	1300	87		1400	94		41-125	7		50
Dibenzofuran	ND	1490	1300	87		1200	80		40-140	8		50
2-Methylnaphthalene	ND	1490	1400	94		1300	87		40-140	7		50
1,2,4,5-Tetrachlorobenzene	ND	1490	1200	80		1100	74		40-117	9		50
Acetophenone	ND	1490	1400	94		1300	87		14-144	7		50
2,4,6-Trichlorophenol	ND	1490	1400	94		1400	94		30-130	0		50
p-Chloro-m-cresol	ND	1490	1400	94		1400	94		26-103	0		50
2-Chlorophenol	ND	1490	1400	94		1300	87		25-102	7		50
2,4-Dichlorophenol	ND	1490	1400	94		1400	94		30-130	0		50
2,4-Dimethylphenol	ND	1490	1400	94		1400	94		30-130	0		50
2-Nitrophenol	ND	1490	1400	94		1400	94		30-130	0		50
4-Nitrophenol	ND	1490	1300	87		1200	80		11-114	8		50
2,4-Dinitrophenol	ND	1490	210J	14		270J	18		4-130	25		50
4,6-Dinitro-o-cresol	ND	1490	540	36		730	49		10-130	30		50

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

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: SOIL-108-13-15	Associated sample(s): 01-08		QC Batch ID: WG2215620-4			WG2215620-5			QC Sample: L2629626-04			
Pentachlorophenol	ND	1490	1200	80		1200	80		17-109	0		50
Phenol	ND	1490	1400	**94**	Q	1400	**94**	Q	26-90	0		50
2-Methylphenol	ND	1490	1400	94		1300	87		30-130	7		50
3-Methylphenol/4-Methylphenol	ND	1490	1400	94		1400	94		30-130	0		50
2,4,5-Trichlorophenol	ND	1490	1400	94		1400	94		30-130	0		50
Carbazole	24J	1490	1400	94		1300	87		54-128	7		50
Atrazine	ND	1490	1400	94		1400	94		40-140	0		50
Benzaldehyde	ND	1490	1100	74		1100	74		40-140	0		50
Caprolactam	ND	1490	1300	87		1400	94		15-130	7		50
2,3,4,6-Tetrachlorophenol	ND	1490	1300	87		1300	87		40-140	0		50
1,4-Dioxane	ND	1490	940	63		870	58		40-140	8		50

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	89		84		10-136
2-Fluorobiphenyl	95		90		30-120
2-Fluorophenol	92		86		25-120
4-Terphenyl-d14	84		73		18-120
Nitrobenzene-d5	99		95		23-120
Phenol-d6	101		99		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 QC Batch ID: WG2220230-4 WG2220230-5 QC Sample: L2629626-04 Client ID: SOIL-108-13-15												
Perfluorobutanoic Acid (PFBA)	ND	20.2	22.8	113		23.5	118		70-140	3		30
Perfluoropentanoic Acid (PFPeA)	ND	10.1	11.4	113		11.4	115		60-150	0		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.47	4.66	104		4.44	101		65-145	5		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	18.9	19.1	101		22.9	123		60-150	18		30
Perfluorohexanoic Acid (PFHxA)	ND	5.04	5.69	113		5.72	115		65-140	1		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	4.76	4.69	99		5.04	107		55-160	7		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.04	4.66	93		5.31	107		65-145	13		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.64	4.41	95		5.13	112		60-150	15		30
Perfluorooctanoic Acid (PFOA)	ND	5.04	5.46	108		5.72	115		70-150	5		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	19.2	20.9	109		21.8	115		55-200	4		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	4.8	5.52	115		5.58	118		65-155	1		30
Perfluorononanoic Acid (PFNA)	ND	5.04	4.20	83		4.26	86		70-155	1		30
Perfluorooctanesulfonic Acid (PFOS)	ND	4.68	4.88	104		4.98	108		65-160	2		30
Perfluorodecanoic Acid (PFDA)	ND	5.04	6.07	120		5.41	109		70-155	11		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	19.3	24.1	125		23.5	123		70-150	3		30
Perfluorononanesulfonic Acid (PFNS)	ND	4.88	5.17	106		5.57	116		55-140	7		30

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 QC Batch ID: WG2220230-4 WG2220230-5 QC Sample: L2629626-04 Client ID: SOIL-108-13-15												
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	5.04	5.65	112		6.22	125		65-155	10		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.04	5.18	103		4.84	97		70-155	7		30
Perfluorodecanesulfonic Acid (PFDS)	ND	4.88	5.13	105		4.70	98		40-155	9		30
Perfluorooctanesulfonamide (PFOSA)	ND	5.04	5.13	102		5.28	106		70-140	3		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	5.04	5.07	101		5.29	106		65-165	4		30
Perfluorododecanoic Acid (PFDoA)	ND	5.04	5.16	102		4.84	97		70-150	6		30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.04	4.36	87		4.11	83		65-150	6		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	5.04	5.25	104		5.45	110		65-150	4		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	20.2	22.4	111		24.3	122		70-145	8		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	19.1	18.1	95		17.6	94		70-160	3		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	4.92	4.17	85		3.46	71		25-160	19		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	18.8	20.6	109		20.4	110		70-150	1		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	19	20.3	107		18.0	96		45-160	12		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	5.04	5.05	100		5.52	111		70-155	9		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	5.04	4.90	97		5.05	102		70-140	3		30

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 QC Batch ID: WG2220230-4 WG2220230-5 QC Sample: L2629626-04 Client ID: SOIL-108-13-15												
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	50.4	49.0	97		49.2	99		70-140	0		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	50.4	48.1	96		51.2	103		70-135	6		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	10.1	10.4	103		10.9	110		30-140	5		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	10.1	11.3	112		11.6	117		60-150	3		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	8.99	9.89	110		8.81	99		70-140	12		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	10.1	14.8	147		13.2	133		60-155	11		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	25.2	28.4	113		28.4	114		45-130	0		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	126	140	111		138	111		60-130	1		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	126	103	82		102	82		60-150	1		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	78		83		40-275
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	77		77		40-165
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	85		84		40-215
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	41		42		10-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	72		74		40-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	74		72		15-130

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-06,08 QC Batch ID: WG2220230-4 WG2220230-5 QC Sample: L2629626-04 Client ID: SOIL-108-13-15												

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	43		41		10-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	57		59		40-135
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	82		85		20-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	90		82		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78		81		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	69		74		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	84		89		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	87		93		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	82		91		40-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	83		87		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	96		97		40-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	81		85		40-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	61		54		20-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	77		78		8-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	83		81		35-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	82		86		40-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102		109		40-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	91		80		40-130

METALS

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-01 Date Collected: 05/14/26 08:50

Client ID: SOIL-105-16-18 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5230		mg/kg	16.9	5.48	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	8.43	6.49	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Arsenic, Total	ND		mg/kg	1.69	0.728	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Barium, Total	58.0		mg/kg	1.69	0.179	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.251	J	mg/kg	0.843	0.093	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.69	0.093	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Calcium, Total	106000		mg/kg	16.9	9.56	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Chromium, Total	10.4		mg/kg	1.69	1.43	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.79		mg/kg	3.37	0.418	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Copper, Total	19.4		mg/kg	1.69	0.383	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Iron, Total	11300		mg/kg	42.2	13.5	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Lead, Total	11.4		mg/kg	8.43	0.401	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Magnesium, Total	41900		mg/kg	16.9	2.75	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Manganese, Total	292		mg/kg	1.69	0.904	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.084	0.055	1	05/29/26 17:43	05/29/26 22:25	EPA 7471B	1,7471B	RDB
Nickel, Total	14.9		mg/kg	4.22	1.36	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Potassium, Total	728		mg/kg	422	85.5	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	3.37	0.555	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.843	0.502	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Sodium, Total	402		mg/kg	337	179.	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	3.37	1.52	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Vanadium, Total	9.82		mg/kg	1.69	0.255	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF
Zinc, Total	26.9		mg/kg	8.43	1.02	4	05/29/26 16:45	05/29/26 22:19	EPA 3050B	1,6010D	JMF

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-02 Date Collected: 05/14/26 12:45

Client ID: SOIL-106-12-14 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9110		mg/kg	9.03	2.94	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.52	3.48	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Arsenic, Total	4.42		mg/kg	0.903	0.390	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Barium, Total	64.8		mg/kg	0.903	0.096	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.441	J	mg/kg	0.452	0.050	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.903	0.050	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Calcium, Total	79400		mg/kg	9.03	5.12	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Chromium, Total	14.0		mg/kg	0.903	0.766	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Cobalt, Total	8.11		mg/kg	1.81	0.224	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Copper, Total	17.6		mg/kg	0.903	0.205	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Iron, Total	17000		mg/kg	22.6	7.23	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Lead, Total	16.5		mg/kg	4.52	0.215	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Magnesium, Total	18800		mg/kg	9.03	1.47	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Manganese, Total	367		mg/kg	0.903	0.484	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/29/26 17:43	05/29/26 22:29	EPA 7471B	1,7471B	RDB
Nickel, Total	19.4		mg/kg	2.26	0.730	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Potassium, Total	896		mg/kg	226	45.8	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.81	0.297	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.452	0.269	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Sodium, Total	593		mg/kg	181	95.8	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.81	0.815	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Vanadium, Total	17.6		mg/kg	0.903	0.136	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF
Zinc, Total	43.9		mg/kg	4.52	0.547	2	05/29/26 16:45	05/29/26 21:52	EPA 3050B	1,6010D	JMF

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-03 Date Collected: 05/14/26 09:20

Client ID: SOIL-107-14-16 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2680		mg/kg	8.99	2.92	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.50	3.46	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.62		mg/kg	0.899	0.388	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Barium, Total	16.9		mg/kg	0.899	0.095	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.138	J	mg/kg	0.450	0.050	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.899	0.050	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Calcium, Total	55200		mg/kg	8.99	5.10	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Chromium, Total	4.39		mg/kg	0.899	0.763	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Cobalt, Total	3.96		mg/kg	1.80	0.223	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Copper, Total	17.2		mg/kg	0.899	0.204	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Iron, Total	7280		mg/kg	22.5	7.19	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Lead, Total	4.67		mg/kg	4.50	0.214	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Magnesium, Total	19200		mg/kg	8.99	1.46	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Manganese, Total	210		mg/kg	0.899	0.482	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.078	0.051	1	05/29/26 17:43	05/29/26 22:32	EPA 7471B	1,7471B	RDB
Nickel, Total	8.20		mg/kg	2.25	0.727	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Potassium, Total	398		mg/kg	225	45.6	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.80	0.296	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.450	0.268	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Sodium, Total	324		mg/kg	180	95.3	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.80	0.811	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Vanadium, Total	5.55		mg/kg	0.899	0.136	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF
Zinc, Total	18.5		mg/kg	4.50	0.545	2	05/29/26 16:45	05/29/26 21:55	EPA 3050B	1,6010D	JMF

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-04 Date Collected: 05/14/26 10:00

Client ID: SOIL-108-13-15 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4720		mg/kg	8.69	2.82	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.35	3.35	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Arsenic, Total	3.21		mg/kg	0.869	0.376	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Barium, Total	28.8		mg/kg	0.869	0.092	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.236	J	mg/kg	0.435	0.048	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.869	0.048	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Calcium, Total	78000		mg/kg	8.69	4.93	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Chromium, Total	7.87		mg/kg	0.869	0.737	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.00		mg/kg	1.74	0.216	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Copper, Total	15.6		mg/kg	0.869	0.197	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Iron, Total	10500		mg/kg	21.7	6.96	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Lead, Total	24.2		mg/kg	4.35	0.207	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Magnesium, Total	27700		mg/kg	8.69	1.42	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Manganese, Total	376		mg/kg	0.869	0.466	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Mercury, Total	0.065	J	mg/kg	0.077	0.050	1	05/29/26 17:43	05/29/26 22:15	EPA 7471B	1,7471B	RDB
Nickel, Total	11.7		mg/kg	2.17	0.702	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Potassium, Total	642		mg/kg	217	44.1	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Selenium, Total	0.343	J	mg/kg	1.74	0.286	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.435	0.259	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Sodium, Total	462		mg/kg	174	92.2	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.74	0.784	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Vanadium, Total	10.6		mg/kg	0.869	0.131	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF
Zinc, Total	30.7		mg/kg	4.35	0.527	2	05/29/26 16:45	05/29/26 20:30	EPA 3050B	1,6010D	JMF

Project Name: SYR GATEWAY APARTMENTS
Lab Number: L2629626
Project Number: 086328
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-05
Client ID: SOIL-109-8-10
Sample Location: SYRACUSE, NY
Date Collected: 05/14/26 11:30
Date Received: 05/14/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6130		mg/kg	8.74	2.84	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.37	3.36	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.93		mg/kg	0.874	0.377	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Barium, Total	49.3		mg/kg	0.874	0.093	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.299	J	mg/kg	0.437	0.048	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.874	0.048	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Calcium, Total	59600		mg/kg	8.74	4.95	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Chromium, Total	10.4		mg/kg	0.874	0.741	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.85		mg/kg	1.75	0.217	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Copper, Total	15.4		mg/kg	0.874	0.198	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Iron, Total	14300		mg/kg	21.8	6.99	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Lead, Total	6.59		mg/kg	4.37	0.208	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Magnesium, Total	20600		mg/kg	8.74	1.42	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Manganese, Total	472		mg/kg	0.874	0.468	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.075	0.049	1	05/29/26 17:43	05/29/26 22:35	EPA 7471B	1,7471B	RDB
Nickel, Total	13.3		mg/kg	2.18	0.706	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Potassium, Total	925		mg/kg	218	44.3	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.75	0.287	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.437	0.260	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Sodium, Total	182		mg/kg	175	92.6	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.75	0.788	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Vanadium, Total	16.0		mg/kg	0.874	0.132	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF
Zinc, Total	29.6		mg/kg	4.37	0.529	2	05/29/26 16:45	05/29/26 21:57	EPA 3050B	1,6010D	JMF

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-06 Date Collected: 05/14/26 11:00

Client ID: SOIL-110-8-10 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 85%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6530		mg/kg	9.04	2.94	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.52	3.48	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Arsenic, Total	1.95		mg/kg	0.904	0.391	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Barium, Total	29.4		mg/kg	0.904	0.096	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.289	J	mg/kg	0.452	0.050	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.904	0.050	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Calcium, Total	34200		mg/kg	9.04	5.13	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Chromium, Total	9.61		mg/kg	0.904	0.767	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.42		mg/kg	1.81	0.224	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Copper, Total	15.5		mg/kg	0.904	0.205	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Iron, Total	11400		mg/kg	22.6	7.23	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Lead, Total	6.34		mg/kg	4.52	0.215	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Magnesium, Total	20500		mg/kg	9.04	1.47	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Manganese, Total	425		mg/kg	0.904	0.485	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.093	0.061	1	05/29/26 17:43	05/29/26 22:39	EPA 7471B	1,7471B	RDB
Nickel, Total	12.9		mg/kg	2.26	0.731	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Potassium, Total	750		mg/kg	226	45.8	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.81	0.298	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.452	0.269	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Sodium, Total	243		mg/kg	181	95.8	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.81	0.816	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Vanadium, Total	14.3		mg/kg	0.904	0.136	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF
Zinc, Total	29.4		mg/kg	4.52	0.548	2	05/29/26 16:45	05/29/26 21:59	EPA 3050B	1,6010D	JMF

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-07 Date Collected: 05/14/26 11:05

Client ID: SOIL-110-19-20 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5840		mg/kg	17.1	5.57	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	8.57	6.60	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.66		mg/kg	1.71	0.740	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Barium, Total	63.5		mg/kg	1.71	0.182	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.290	J	mg/kg	0.857	0.094	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	1.71	0.094	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Calcium, Total	92300		mg/kg	17.1	9.72	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Chromium, Total	32.7		mg/kg	1.71	1.45	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Cobalt, Total	6.14		mg/kg	3.43	0.425	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Copper, Total	20.2		mg/kg	1.71	0.389	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Iron, Total	12800		mg/kg	42.8	13.7	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Lead, Total	9.20		mg/kg	8.57	0.408	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Magnesium, Total	35800		mg/kg	17.1	2.79	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Manganese, Total	287		mg/kg	1.71	0.919	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.078	0.051	1	05/29/26 17:43	05/29/26 22:49	EPA 7471B	1,7471B	RDB
Nickel, Total	15.1		mg/kg	4.28	1.38	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Potassium, Total	848		mg/kg	428	86.9	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	3.43	0.564	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.857	0.511	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Sodium, Total	370		mg/kg	343	182.	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	3.43	1.55	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Vanadium, Total	11.7		mg/kg	1.71	0.259	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF
Zinc, Total	27.5		mg/kg	8.57	1.04	4	05/29/26 16:45	05/29/26 22:22	EPA 3050B	1,6010D	JMF

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-08 Date Collected: 05/14/26 12:00

Client ID: CHA-1 Date Received: 05/14/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 84%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5140		mg/kg	9.15	2.97	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Antimony, Total	ND		mg/kg	4.58	3.52	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Arsenic, Total	2.56		mg/kg	0.915	0.395	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Barium, Total	46.6		mg/kg	0.915	0.097	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Beryllium, Total	0.241	J	mg/kg	0.458	0.050	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.915	0.050	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Calcium, Total	61000		mg/kg	9.15	5.19	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Chromium, Total	8.26		mg/kg	0.915	0.776	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Cobalt, Total	5.03		mg/kg	1.83	0.227	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Copper, Total	13.3		mg/kg	0.915	0.208	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Iron, Total	11400		mg/kg	22.9	7.32	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Lead, Total	7.23		mg/kg	4.58	0.218	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Magnesium, Total	22300		mg/kg	9.15	1.49	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Manganese, Total	354		mg/kg	0.915	0.491	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Mercury, Total	ND		mg/kg	0.081	0.053	1	05/29/26 17:43	05/29/26 22:52	EPA 7471B	1,7471B	RDB
Nickel, Total	11.4		mg/kg	2.29	0.740	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Potassium, Total	779		mg/kg	229	46.4	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Selenium, Total	ND		mg/kg	1.83	0.301	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Silver, Total	ND		mg/kg	0.458	0.273	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Sodium, Total	158	J	mg/kg	183	97.0	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Thallium, Total	ND		mg/kg	1.83	0.826	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Vanadium, Total	11.3		mg/kg	0.915	0.138	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF
Zinc, Total	27.0		mg/kg	4.58	0.555	2	05/29/26 16:45	05/29/26 22:04	EPA 3050B	1,6010D	JMF

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG2220738-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Antimony, Total	ND		mg/kg	2.00	1.54	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Arsenic, Total	ND		mg/kg	0.400	0.173	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Barium, Total	ND		mg/kg	0.400	0.042	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Beryllium, Total	ND		mg/kg	0.200	0.022	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Cadmium, Total	ND		mg/kg	0.400	0.022	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Calcium, Total	ND		mg/kg	4.00	2.27	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Chromium, Total	ND		mg/kg	0.400	0.339	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Cobalt, Total	ND		mg/kg	0.800	0.099	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Copper, Total	ND		mg/kg	0.400	0.091	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Iron, Total	ND		mg/kg	10.0	3.20	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Lead, Total	ND		mg/kg	2.00	0.095	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Magnesium, Total	ND		mg/kg	4.00	0.652	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Manganese, Total	ND		mg/kg	0.400	0.214	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Nickel, Total	ND		mg/kg	1.00	0.323	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Potassium, Total	ND		mg/kg	100	20.3	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Selenium, Total	ND		mg/kg	0.800	0.132	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Silver, Total	ND		mg/kg	0.200	0.119	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Sodium, Total	ND		mg/kg	80.0	42.4	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Thallium, Total	ND		mg/kg	0.800	0.361	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Vanadium, Total	ND		mg/kg	0.400	0.060	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF
Zinc, Total	ND		mg/kg	2.00	0.242	1	05/29/26 16:45	05/29/26 20:26	1,6010D	JMF

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG2220742-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/29/26 17:43	05/29/26 22:09	1,7471B	RDB

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG2220738-2								
Aluminum, Total	108		-		80-120	-		20
Antimony, Total	106		-		80-120	-		20
Arsenic, Total	101		-		80-120	-		20
Barium, Total	105		-		80-120	-		20
Beryllium, Total	104		-		80-120	-		20
Cadmium, Total	102		-		80-120	-		20
Calcium, Total	110		-		80-120	-		20
Chromium, Total	103		-		80-120	-		20
Cobalt, Total	104		-		80-120	-		20
Copper, Total	107		-		80-120	-		20
Iron, Total	106		-		80-120	-		20
Lead, Total	104		-		80-120	-		20
Magnesium, Total	105		-		80-120	-		20
Manganese, Total	105		-		80-120	-		20
Nickel, Total	105		-		80-120	-		20
Potassium, Total	112		-		80-120	-		20
Selenium, Total	97		-		80-120	-		20
Silver, Total	104		-		80-120	-		20
Sodium, Total	110		-		80-120	-		20
Thallium, Total	104		-		80-120	-		20
Vanadium, Total	106		-		80-120	-		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG2220738-2					
Zinc, Total	100	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG2220742-2					
Mercury, Total	96	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 13-15	QC Batch ID: WG2220738-3					WG2220738-4			QC Sample: L2629626-04			Client ID: SOIL-108-
Aluminum, Total	4720	171	5120	**234**	Q	5120	**234**	Q	75-125	0		20
Antimony, Total	ND	42.8	22.8	**53**	Q	22.3	**52**	Q	75-125	2		20
Arsenic, Total	3.21	10.3	14.9	114		14.7	112		75-125	1		20
Barium, Total	28.8	171	213	108		205	103		75-125	4		20
Beryllium, Total	0.236J	4.28	4.53	106		4.50	105		75-125	1		20
Cadmium, Total	ND	4.54	3.64	80		3.65	81		75-125	0		20
Calcium, Total	78000	856	84200	**724**	Q	79800	**211**	Q	75-125	5		20
Chromium, Total	7.87	17.1	26.2	107		25.4	103		75-125	3		20
Cobalt, Total	5.00	42.8	45.9	96		45.6	95		75-125	1		20
Copper, Total	15.6	21.4	39.3	111		38.9	109		75-125	1		20
Iron, Total	10500	85.6	10900	**467**	Q	10700	**234**	Q	75-125	2		20
Lead, Total	24.2	45.4	81.7	**127**	Q	78.8	121		75-125	4		20
Magnesium, Total	27700	856	29200	**175**	Q	28200	**58**	Q	75-125	3		20
Manganese, Total	376	42.8	386	**23**	Q	392	**37**	Q	75-125	2		20
Nickel, Total	11.7	42.8	53.3	97		53.1	97		75-125	0		20
Potassium, Total	642	856	1490	99		1460	96		75-125	2		20
Selenium, Total	0.343J	10.3	10.8	105		11.0	107		75-125	2		20
Silver, Total	ND	4.28	4.32	101		4.26	100		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 13-15 QC Batch ID: WG2220738-3 WG2220738-4 QC Sample: L2629626-04 Client ID: SOIL-108-												
Sodium, Total	462	856	1450	115		1400	110		75-125	4		20
Thallium, Total	ND	10.3	9.44	92		9.16	89		75-125	3		20
Vanadium, Total	10.6	42.8	55.0	104		54.8	104		75-125	0		20
Zinc, Total	30.7	42.8	84.6	**126**	Q	79.0	113		75-125	7		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 13-15 QC Batch ID: WG2220742-3 WG2220742-4 QC Sample: L2629626-04 Client ID: SOIL-108-												
Mercury, Total	0.065J	1.7	1.74	102		1.51	101		80-120	14		20

INORGANICS
&
MISCELLANEOUS

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-01
Client ID: SOIL-105-16-18
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/14/26 08:50
Date Received: 05/14/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.5		%	0.100	NA	1	-	05/16/26 11:31	121,2540G	ROI

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-02
Client ID: SOIL-106-12-14
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/14/26 12:45
Date Received: 05/14/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	83.6		%	0.100	NA	1	-	05/16/26 11:31	121,2540G	ROI

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-03
Client ID: SOIL-107-14-16
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/14/26 09:20
Date Received: 05/14/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.6		%	0.100	NA	1	-	05/16/26 11:31	121,2540G	ROI

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-04
Client ID: SOIL-108-13-15
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/14/26 10:00
Date Received: 05/14/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	05/16/26 11:31	121,2540G	ROI

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-05
Client ID: SOIL-109-8-10
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/14/26 11:30
Date Received: 05/14/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	05/16/26 11:31	121,2540G	ROI

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-06
Client ID: SOIL-110-8-10
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/14/26 11:00
Date Received: 05/14/26
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	85.0		%	0.100	NA	1	-	05/16/26 11:31	121,2540G	ROI

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-07
Client ID: SOIL-110-19-20
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/14/26 11:05
Date Received: 05/14/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	05/16/26 11:31	121,2540G	ROI

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

SAMPLE RESULTS

Lab ID: L2629626-08
Client ID: CHA-1
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/14/26 12:00
Date Received: 05/14/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.3		%	0.100	NA	1	-	05/16/26 11:31	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: SYR GATEWAY APARTMENTS

Project Number: 086328

Lab Number: L2629626

Report Date: 06/08/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG2214327-1 QC Sample: L2629626-04 Client ID: SOIL-108-13-15						
Solids, Total	88.2	88.6	%	0		10

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

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(*)
L2629626-01A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-01B	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-01C	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-01D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2629626-01E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2629626-01F	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7)
L2629626-01G	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2629626-02A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-02B	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-02C	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-02D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2629626-02E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),NA-TI(180),K-TI(180),CD-TI(180)
L2629626-02F	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7)
L2629626-02G	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)

*Values in parentheses indicate holding time in days

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2629626-03A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-03B	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-03C	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-03D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2629626-03E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),K-TI(180),CD-TI(180),CA-TI(180),NA-TI(180)
L2629626-03F	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7)
L2629626-03G	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2629626-04A	1 Vial MeOH/2 Vial Water	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-04A1	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-04A2	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-04B	1 Vial MeOH/2 Vial Water	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-04B1	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-04B2	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-04C	1 Vial MeOH/2 Vial Water	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-04C1	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-04C2	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-04D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2629626-04D1	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2629626-04D2	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2629626-04E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)

*Values in parentheses indicate holding time in days

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2629626-04E1	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2629626-04E2	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),MN-TI(180),HG-T(28),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2629626-04F	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7)
L2629626-04F1	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7)
L2629626-04F2	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7)
L2629626-04G	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2629626-04G1	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2629626-04G2	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2629626-05A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-05B	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-05C	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-05D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2629626-05E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CD-TI(180),NA-TI(180),K-TI(180),CA-TI(180)
L2629626-05F	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7)
L2629626-05G	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2629626-06A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-06B	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)

*Values in parentheses indicate holding time in days

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2629626-06C	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-06D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2629626-06E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2629626-06F	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7)
L2629626-06G	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)
L2629626-07A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-07B	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-07C	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-07D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2629626-07E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2629626-07F	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7)
L2629626-08A	Vial MeOH preserved	NA	NA			Y	Absent		NYTCL-8260HLW-R2(14)
L2629626-08B	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-08C	Vial water preserved	NA	NA			Y	Absent	16-MAY-26 01:13	NYTCL-8260HLW-R2(14)
L2629626-08D	Plastic 120ml unpreserved	NA	NA			Y	Absent		TS(7)
L2629626-08E	Metals Only-Glass 60mL/2oz unpreserved	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),NA-TI(180),CD-TI(180),CA-TI(180),K-TI(180)
L2629626-08F	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2629626-08G	Plastic 90mL Unpreserved for PFAS	NA	NA			Y	Absent		A2-NY-1633(90)

*Values in parentheses indicate holding time in days

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328
Lab Number: L2629626
Report Date: 06/08/26

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name: SYR GATEWAY APARTMENTS
Project Number: 086328

Lab Number: L2629626
Report Date: 06/08/26

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

Project Name:	SYR GATEWAY APARTMENTS	**Lab Number:**	L2629626
Project Number:	086328	**Report Date:**	06/08/26

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:	SYR GATEWAY APARTMENTS	**Lab Number:**	L2629626
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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.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SYR GATEWAY APARTMENTS **Lab Number:** L2629626

Project Number: 086328 **Report Date:** 06/08/26

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.

168 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. EPA Method 1633A, EPA 820-R-24-007, December 2024. For Massachusetts Contingency Plan, WSC-CAM-XA, September 2025.

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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.

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

Certification Information

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
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.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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 504.1: EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,**.

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, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water
EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water
SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile 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 Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NV MA00030, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your 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

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Date Rec'd in Lab: 05/15/26

ALPHA Job #: L2629626

Client Information
Client: CHA Consulting
Address: 308 South State St
Syracuse, NY 13202
Phone: 315-257-7154
Fax:
Email: smiller@chasolutions.com

Project Information
Project Name: SYR Gateway Apartments
Project Location: Syracuse, NY
Project #: 086328
(Use Project name as Project #)
Project Manager: M. Devo
ALPHAQuote #: 00210297

Turn-Around Time
Standard: X
Rush (only if pre approved):
Due Date:
# of Days:

Deliverables
ASP-A: ASP-B: X
EQuIS (1 File):
EQuIS (4 File): X
Other:

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

Billing Information
Same as Client Info:
PO #: Forthcoming

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:
2 coolers

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	NYTCL-8260 VOCs + TICs	Total Solids	NYTCL-8270 SVOCs + TICs	Total metals	PFAS - A2-1633	Total Bottle	Sample Specific Comments
29626-01	Soil-105-16-18	5-14-26	0850	Soil	AH	X	X	X	X	X	7	
-02	Soil-106-12-14		1245			X	X	X	X	X	7	
-03	Soil-107-14-16		0920			X	X	X	X	X	7	
-04	Soil-108-13-15		1000			X	X	X	X	X	7	MS/MSD collected here
-05	Soil-109-8-10		1130			X	X	X	X	X	7	
-06	Soil-110-8-10		1100			X	X	X	X	X	7	
-07	Soil-110-19-20		1105			X	X	X	X		6	
-08	CHA-1		1200			X	X	X	X	X	7	
~~-09~~ -04	Soil-MS		1000			X	X	X	X	X	7	
~~-10~~ -05	Soil-MSD		1000			X	X	X	X	X	7	

Container Type	V	P	A	A	P				
Preservative	F/A	A	A	A	A				

Preservative Code: MB
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
Andrew Hodgson CHA	5-14-26 1820		5.14.26 1836
	5/15/26 0820		05/15/26 0821

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)

Sample Delivery Group Summary

Pace Job Number : L2629626

Account Name : CHA Companies
Project Number : 086328
Project Name : SYR GATEWAY APARTMENTS

Received : 14-MAY-2026
Reviewer : Matthew Bianculli

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.9	
B	Absent/	Ice	2.9	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

APPENDIX G

RI Addendum Groundwater Analytical Report

ANALYTICAL REPORT

Lab Number:	L2630380
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	SYR GATEWAY
Project Number:	086328
Report Date:	06/11/26

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

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2630380-01	MW-105	WATER	SYRACUSE, NY	05/18/26 14:20	05/18/26
L2630380-02	MW-106	WATER	SYRACUSE, NY	05/18/26 12:30	05/18/26
L2630380-03	CHA-1	WATER	SYRACUSE, NY	05/18/26 09:00	05/18/26
L2630380-04	TRIP BLANK	WATER	SYRACUSE, NY	05/18/26 00:00	05/18/26
L2630380-05	FIELD BLANK	WATER	SYRACUSE, NY	05/18/26 11:10	05/18/26
L2630380-06	EQUIPMENT BLANK	WATER	SYRACUSE, NY	05/18/26 15:30	05/18/26
L2630380-07	SOIL-WC	SOIL	SYRACUSE, NY	05/18/26 16:00	05/18/26

Project Name:	SYR GATEWAY	**Lab Number:**	L2630380
Project Number:	086328	**Report Date:**	06/11/26

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 Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace'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 Pace Project Manager and made arrangements for Pace 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: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

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

L2630380-05: The Field Blank has a concentration above the reporting limit for Acetone; however, it is within the method allowances for common laboratory contaminants. The associated samples are reported and no qualification of the results is required.

The WG2220640-6/-7 MS/MSD recoveries performed on L2630380-01 are below the acceptance criteria for cyclohexane (0%/0%) and methyl cyclohexane (0%/0%) due to the concentrations of these compounds in the MS/MSD falling below the reported detection limits.

Perfluorinated Alkyl Acids by 1633

The Extracted Internal Standard recovery for the WG2221193-5 MSD performed on L2630380-01 is outside the acceptance criteria for n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (d5-netfosaa) (136%). The associated MS spike compounds are within criteria; therefore, no further action was taken.

PCBs

L2630380-01, -02, -03, -05, -06, and WG2218425-4/-5: The volume of sample received for the analysis deviates from the laboratory's current volume requirements. An aliquot was taken from the original sample container, extracted, analyzed, and reported accordingly.

Total Metals

L2630380-05: The Field Blank has results for calcium and copper present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG2221239-7/-8 MS/MSD recoveries performed on L2630380-01 do not apply for calcium (MSD 50%),

Project Name:	SYR GATEWAY	**Lab Number:**	L2630380
Project Number:	086328	**Report Date:**	06/11/26

Case Narrative (continued)

magnesium (65%/71%), and sodium (430%0%) because the sample concentration is greater than four times the spike amount added.

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

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 06/11/26

QC OUTLIER SUMMARY REPORT

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
TCLP Volatiles by EPA 1311 - Westborough Lab								
8260D	Batch QC	WG2219692-4	2-Butanone	LCSD	22	63-138	07	non-directional bias
Volatile Organics by GC/MS - Westborough Lab								
8260D	Batch QC (L2630380-01)	WG2220640-6	Cyclohexane	MS	0	70-130	01-03,05-06	potential low bias
8260D	Batch QC (L2630380-01)	WG2220640-6	Methyl cyclohexane	MS	0	70-130	01-03,05-06	potential low bias
8260D	Batch QC (L2630380-01)	WG2220640-7	1,2-Dichloropropane	MSD	22	70-130	01-03,05-06	non-directional bias
8260D	Batch QC (L2630380-01)	WG2220640-7	Bromomethane	MSD	21	39-139	01-03,05-06	non-directional bias
8260D	Batch QC (L2630380-01)	WG2220640-7	Styrene	MSD	22	70-130	01-03,05-06	non-directional bias
8260D	Batch QC (L2630380-01)	WG2220640-7	1,2,4-Trichlorobenzene	MSD	21	70-130	01-03,05-06	non-directional bias
8260D	Batch QC (L2630380-01)	WG2220640-7	Cyclohexane	MSD	0	70-130	01-03,05-06	potential low bias
8260D	Batch QC (L2630380-01)	WG2220640-7	Cyclohexane	MSD	21	70-130	01-03,05-06	non-directional bias
8260D	Batch QC (L2630380-01)	WG2220640-7	1,4-Dioxane	MSD	23	56-162	01-03,05-06	non-directional bias
8260D	Batch QC (L2630380-01)	WG2220640-7	Methyl cyclohexane	MSD	0	70-130	01-03,05-06	potential low bias
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab								
1633A	Batch QC (L2630380-01)	WG2221193-5	N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	Surrogate	136	25-135	-	- - not applicable - -
Semivolatile Organics by GC/MS - Westborough Lab								
8270E	Batch QC	WG2217819-3	4-Chloroaniline	LCSD	32	40-140	01-03,05-06	non-directional bias
TCLP Semivolatiles by EPA 1311 - Westborough Lab								
8270E	Batch QC	WG2218990-2	Pentachlorophenol	LCS	114	9-103	07	potential high bias
8270E	Batch QC	WG2218990-2	Pyridine	LCS	76	10-66	07	potential high bias
8270E	Batch QC	WG2218990-3	Pentachlorophenol	LCSD	105	9-103	07	potential high bias
8270E	Batch QC	WG2218990-3	Pyridine	LCSD	69	10-66	07	potential high bias

QC OUTLIER SUMMARY REPORT

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Polychlorinated Biphenyls by GC - Westborough Lab								
8082A	EQUIPMENT BLANK	L2630380-06	Decachlorobiphenyl (A)	Surrogate	27	30-150	-	potential low bias
Total Metals - Mansfield Lab								
6020B	Batch QC (L2629677-03)	WG2221239-4	Calcium, Total	MSD	133	75-125	01-03,05-06	potential high bias
6020B	Batch QC (L2629677-03)	WG2221239-4	Manganese, Total	MSD	126	75-125	01-03,05-06	potential high bias
6020B	Batch QC (L2630380-01)	WG2221239-7	Magnesium, Total	MS	65	75-125	01-03,05-06	potential low bias
6020B	Batch QC (L2630380-01)	WG2221239-7	Sodium, Total	MS	430	75-125	01-03,05-06	potential high bias
6020B	Batch QC (L2630380-01)	WG2221239-8	Calcium, Total	MSD	50	75-125	01-03,05-06	potential low bias
6020B	Batch QC (L2630380-01)	WG2221239-8	Magnesium, Total	MSD	71	75-125	01-03,05-06	potential low bias
6020B	Batch QC (L2630380-01)	WG2221239-8	Sodium, Total	MSD	0	75-125	01-03,05-06	potential low bias

ORGANICS

VOLATILES

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01
Client ID: MW-105
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 14:20
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/29/26 15:28
Analyst: GMT

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	9.0		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: SYR GATEWAY **Lab Number:** L2630380

Project Number: 086328 **Report Date:** 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01 Date Collected: 05/18/26 14:20

Client ID: MW-105 Date Received: 05/18/26

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	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	107		70-130

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 12:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/29/26 15:53
Analyst: GMT

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	6.0		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	0.74		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	2.9		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: SYR GATEWAY **Lab Number:** L2630380

Project Number: 086328 **Report Date:** 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02 Date Collected: 05/18/26 12:30

Client ID: MW-106 Date Received: 05/18/26

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	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	3.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 09:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/29/26 16:17
Analyst: GMT

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	6.2		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	0.79		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	3.1		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: SYR GATEWAY **Lab Number:** L2630380

Project Number: 086328 **Report Date:** 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03 Date Collected: 05/18/26 09:00

Client ID: CHA-1 Date Received: 05/18/26

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	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	4.0	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-04
Client ID: TRIP BLANK
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 00:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 06/01/26 10:34
Analyst: BAD

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: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-04
Client ID: TRIP BLANK
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 00:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	100		70-130

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05
Client ID: FIELD BLANK
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 11:10
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/29/26 16:41
Analyst: GMT

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: SYR GATEWAY **Lab Number:** L2630380

Project Number: 086328 **Report Date:** 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05 Date Collected: 05/18/26 11:10

Client ID: FIELD BLANK Date Received: 05/18/26

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	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.2		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	2.2	J	ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	108		70-130

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06
Client ID: EQUIPMENT BLANK
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 15:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/29/26 17:06
Analyst: GMT

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: SYR GATEWAY **Lab Number:** L2630380

Project Number: 086328 **Report Date:** 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06 Date Collected: 05/18/26 15:30

Client ID: EQUIPMENT BLANK Date Received: 05/18/26

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	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	6.3		ug/l	5.0	1.5	1
Carbon disulfide	ND		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
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

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND	ug/l	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-07
Client ID: SOIL-WC
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 16:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260D
Analytical Date: 05/27/26 14:36
Analyst: MCM
Percent Solids: 84%
TCLP/SPLP Ext. Date: 05/26/26 13:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	106		70-130
4-Bromofluorobenzene	114		70-130
dibromofluoromethane	98		70-130

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/27/26 10:40
Analyst: MCM
TCLP/SPLP Extraction Date: 05/26/26 13:11

Extraction Date: 05/26/26 13:11

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 07 Batch: WG2219692-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	107		70-130
4-Bromofluorobenzene	114		70-130
dibromofluoromethane	100		70-130

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/29/26 08:59
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2220640-5					
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

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/29/26 08:59
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2220640-5					
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
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/29/26 08:59
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2220640-5					
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
Tentatively Identified Compounds					
No Tentatively Identified Compounds	ND		ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	107		70-130

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/01/26 10:07
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2221991-5					
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

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/01/26 10:07
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2221991-5					
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
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 06/01/26 10:07
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 04 Batch: WG2221991-5					
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
Tentatively Identified Compounds					
Total TIC Compounds	1.04	J	ug/l		
Unknown	1.04	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 07 Batch: WG2219692-3 WG2219692-4								
Chloroform	93		90		70-130	3		20
Carbon tetrachloride	91		89		63-132	2		20
Tetrachloroethene	81		82		70-130	1		20
Chlorobenzene	92		93		75-130	1		25
1,2-Dichloroethane	94		91		70-130	3		20
Benzene	96		94		70-130	2		25
Vinyl chloride	100		100		55-140	0		20
1,1-Dichloroethene	93		91		61-145	2		25
Trichloroethene	91		86		70-130	6		25
1,4-Dichlorobenzene	89		89		70-130	0		20
2-Butanone	100		80		63-138	**22**	Q	20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		114		70-130
Toluene-d8	108		109		70-130
4-Bromofluorobenzene	110		112		70-130
dibromofluoromethane	97		94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2220640-3 WG2220640-4								
Methylene chloride	97		98		70-130	1		20
1,1-Dichloroethane	99		100		70-130	1		20
Chloroform	98		99		70-130	1		20
Carbon tetrachloride	100		100		63-132	0		20
1,2-Dichloropropane	97		99		70-130	2		20
Dibromochloromethane	94		96		63-130	2		20
1,1,2-Trichloroethane	95		96		70-130	1		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		99		75-130	1		20
Trichlorofluoromethane	98		98		62-150	0		20
1,2-Dichloroethane	93		96		70-130	3		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	95		98		67-130	3		20
trans-1,3-Dichloropropene	96		96		70-130	0		20
cis-1,3-Dichloropropene	97		100		70-130	3		20
Bromoform	87		89		54-136	2		20
1,1,2,2-Tetrachloroethane	98		99		67-130	1		20
Benzene	100		100		70-130	0		20
Toluene	99		98		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2220640-3 WG2220640-4								
Ethylbenzene	100		100		70-130	0		20
Chloromethane	97		98		64-130	1		20
Bromomethane	120		110		39-139	9		20
Vinyl chloride	110		110		55-140	0		20
Chloroethane	100		100		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	99		99		70-130	0		20
1,2-Dichlorobenzene	99		99		70-130	0		20
1,3-Dichlorobenzene	98		99		70-130	1		20
1,4-Dichlorobenzene	98		98		70-130	0		20
Methyl tert butyl ether	93		98		63-130	5		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	90		90		70-130	0		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	96		97		36-147	1		20
Acetone	86		86		58-148	0		20
Carbon disulfide	100		100		51-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2220640-3 WG2220640-4								
2-Butanone	92		84		63-138	9		20
4-Methyl-2-pentanone	84		88		59-130	5		20
2-Hexanone	83		91		57-130	9		20
Bromochloromethane	99		100		70-130	1		20
1,2-Dibromoethane	97		97		70-130	0		20
1,2-Dibromo-3-chloropropane	89		97		41-144	9		20
Isopropylbenzene	98		98		70-130	0		20
1,2,3-Trichlorobenzene	99		100		70-130	1		20
1,2,4-Trichlorobenzene	99		100		70-130	1		20
Methyl Acetate	85		92		70-130	8		20
Cyclohexane	98		98		70-130	0		20
1,4-Dioxane	102		110		56-162	8		20
Freon-113	100		100		70-130	0		20
Methyl cyclohexane	97		97		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2220640-3 WG2220640-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	92		95		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	97		97		70-130
Dibromofluoromethane	99		101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2221991-3 WG2221991-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		100		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	100		100		63-130	0		20
1,1,2-Trichloroethane	110		110		70-130	0		20
Tetrachloroethene	110		100		70-130	10		20
Chlorobenzene	110		100		75-130	10		20
Trichlorofluoromethane	100		97		62-150	3		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		100		67-130	10		20
Bromodichloromethane	110		100		67-130	10		20
trans-1,3-Dichloropropene	110		110		70-130	0		20
cis-1,3-Dichloropropene	110		110		70-130	0		20
Bromoform	100		99		54-136	1		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	110		100		70-130	10		20
Toluene	110		100		70-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2221991-3 WG2221991-4								
Ethylbenzene	110		110		70-130	0		20
Chloromethane	100		98		64-130	2		20
Bromomethane	94		100		39-139	6		20
Vinyl chloride	110		110		55-140	0		20
Chloroethane	120		110		55-138	9		20
1,1-Dichloroethene	110		100		61-145	10		20
trans-1,2-Dichloroethene	100		99		70-130	1		20
Trichloroethene	110		99		70-130	11		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	100		100		63-130	0		20
p/m-Xylene	115		105		70-130	9		20
o-Xylene	115		110		70-130	4		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Styrene	115		110		70-130	4		20
Dichlorodifluoromethane	110		100		36-147	10		20
Acetone	90		90		58-148	0		20
Carbon disulfide	110		100		51-130	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2221991-3 WG2221991-4								
2-Butanone	96		110		63-138	14		20
4-Methyl-2-pentanone	110		110		59-130	0		20
2-Hexanone	110		100		57-130	10		20
Bromochloromethane	100		100		70-130	0		20
1,2-Dibromoethane	100		100		70-130	0		20
1,2-Dibromo-3-chloropropane	100		100		41-144	0		20
Isopropylbenzene	120		110		70-130	9		20
1,2,3-Trichlorobenzene	100		100		70-130	0		20
1,2,4-Trichlorobenzene	110		100		70-130	10		20
Methyl Acetate	96		100		70-130	4		20
Cyclohexane	110		110		70-130	0		20
1,4-Dioxane	94		96		56-162	2		20
Freon-113	110		100		70-130	10		20
Methyl cyclohexane	110		110		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 04 Batch: WG2221991-3 WG2221991-4								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		110		70-130
Toluene-d8	99		100		70-130
4-Bromofluorobenzene	105		103		70-130
Dibromofluoromethane	99		99		70-130

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2220640-6 WG2220640-7 QC Sample: L2630380-01 Client ID: MW-105												
Methylene chloride	ND	10	8.8	88		10	100		70-130	13		20
1,1-Dichloroethane	ND	10	9.1	91		11	110		70-130	19		20
Chloroform	ND	10	9.2	92		11	110		70-130	18		20
Carbon tetrachloride	ND	10	9.3	93		11	110		63-132	17		20
1,2-Dichloropropane	ND	10	8.8	88		11	110		70-130	**22**	Q	20
Dibromochloromethane	ND	10	8.1	81		9.8	98		63-130	19		20
1,1,2-Trichloroethane	ND	10	8.4	84		10	100		70-130	17		20
Tetrachloroethene	ND	10	8.2	82		9.9	99		70-130	19		20
Chlorobenzene	ND	10	8.4	84		10	100		75-130	17		20
Trichlorofluoromethane	ND	10	9.0	90		11	110		62-150	20		20
1,2-Dichloroethane	ND	10	8.5	85		10	100		70-130	16		20
1,1,1-Trichloroethane	ND	10	9.5	95		11	110		67-130	15		20
Bromodichloromethane	ND	10	8.6	86		10	100		67-130	15		20
trans-1,3-Dichloropropene	ND	10	8.0	80		9.6	96		70-130	18		20
cis-1,3-Dichloropropene	ND	10	8.4	84		10	100		70-130	17		20
Bromoform	ND	10	7.4	74		8.7	87		54-136	16		20
1,1,2,2-Tetrachloroethane	ND	10	8.4	84		9.8	98		67-130	15		20
Benzene	ND	10	9.1	91		11	110		70-130	19		20
Toluene	ND	10	8.4	84		10	100		70-130	17		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2220640-6 WG2220640-7 QC Sample: L2630380-01 Client ID: MW-105												
Ethylbenzene	ND	10	8.2	82		9.9	99		70-130	19		20
Chloromethane	ND	10	9.2	92		11	110		64-130	18		20
Bromomethane	ND	10	8.1	81		10	100		39-139	**21**	Q	20
Vinyl chloride	ND	10	10	100		12	120		55-140	18		20
Chloroethane	ND	10	9.6	96		11	110		55-138	14		20
1,1-Dichloroethene	ND	10	9.8	98		12	120		61-145	20		20
trans-1,2-Dichloroethene	ND	10	9.3	93		11	110		70-130	17		20
Trichloroethene	9.0	10	17	80		19	100		70-130	11		20
1,2-Dichlorobenzene	ND	10	8.1	81		9.6	96		70-130	17		20
1,3-Dichlorobenzene	ND	10	7.9	79		9.5	95		70-130	18		20
1,4-Dichlorobenzene	ND	10	7.9	79		9.4	94		70-130	17		20
Methyl tert butyl ether	ND	10	8.7	87		10	100		63-130	14		20
p/m-Xylene	ND	20	16	80		19	95		70-130	17		20
o-Xylene	ND	20	15	75		18	90		70-130	18		20
cis-1,2-Dichloroethene	ND	10	9.3	93		11	110		70-130	17		20
Styrene	ND	20	16	80		20	100		70-130	**22**	Q	20
Dichlorodifluoromethane	ND	10	8.4	84		10	100		36-147	17		20
Acetone	2.0J	10	9.9	99		12	120		58-148	19		20
Carbon disulfide	ND	10	9.6	96		11	110		51-130	14		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2220640-6 WG2220640-7 QC Sample: L2630380-01 Client ID: MW-105												
2-Butanone	ND	10	8.0	80		9.3	93		63-138	15		20
4-Methyl-2-pentanone	ND	10	7.5	75		9.1	91		59-130	19		20
2-Hexanone	ND	10	7.6	76		9.3	93		57-130	20		20
Bromochloromethane	ND	10	9.1	91		11	110		70-130	19		20
1,2-Dibromoethane	ND	10	8.4	84		10	100		70-130	17		20
1,2-Dibromo-3-chloropropane	ND	10	7.9	79		9.5	95		41-144	18		20
Isopropylbenzene	ND	10	7.8	78		9.3	93		70-130	18		20
1,2,3-Trichlorobenzene	ND	10	8.0	80		9.6	96		70-130	18		20
1,2,4-Trichlorobenzene	ND	10	7.6	76		9.4	94		70-130	**21**	Q	20
Methyl Acetate	ND	10	7.2	72		8.4	84		70-130	15		20
Cyclohexane	ND	10	7.7J	**0**	Q	9.5J	**0**	Q	70-130	**21**	Q	20
1,4-Dioxane	ND	500	500	100		630	126		56-162	**23**	Q	20
Freon-113	ND	10	8.3	83		10	100		70-130	19		20
Methyl cyclohexane	ND	10	7.2J	**0**	Q	8.8J	**0**	Q	70-130	20		20

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		95		70-130
4-Bromofluorobenzene	97		96		70-130
Dibromofluoromethane	102		101		70-130
Toluene-d8	98		98		70-130

SEMIVOLATILES

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01
Client ID: MW-105
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 14:20
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/25/26 16:47
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: SYR GATEWAY **Lab Number:** L2630380

Project Number: 086328 **Report Date:** 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01 Date Collected: 05/18/26 14:20

Client ID: MW-105 Date Received: 05/18/26

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	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	33.2	J	ug/l			1
Unknown Alkane	4.10	J	ug/l			1
Unknown	24.3	J	ug/l			1
Unknown Alkane	4.80	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	53		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	59		41-149

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01
Client ID: MW-105
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 14:20
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/26/26 17:39
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 05/25/26 11:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	300	90.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01
Client ID: MW-105
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 14:20
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/27/26 16:37
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SYR GATEWAY
Lab Number: L2630380
Project Number: 086328
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01
Client ID: MW-105
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 14:20
Date Received: 05/18/26
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	32		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	77		41-149

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01
Client ID: MW-105
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 14:20
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 168,1633A
Analytical Date: 06/10/26 17:05
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/01/26 08:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	5.99		ng/l	5.87	3.93	1
Perfluoropentanoic Acid (PFPeA)	3.23		ng/l	2.94	0.587	1
Perfluorobutanesulfonic Acid (PFBS)	1.32	J	ng/l	1.47	0.470	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.87	1.36	1
Perfluorohexanoic Acid (PFHxA)	2.76		ng/l	1.47	1.20	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.47	0.338	1
Perfluoroheptanoic Acid (PFHpA)	2.07		ng/l	1.47	0.455	1
Perfluorohexanesulfonic Acid (PFHxS)	1.17	J	ng/l	1.47	0.646	1
Perfluorooctanoic Acid (PFOA)	6.06		ng/l	1.47	0.367	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.87	3.52	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.47	0.455	1
Perfluorononanoic Acid (PFNA)	0.367	J	ng/l	1.47	0.235	1
Perfluorooctanesulfonic Acid (PFOS)	6.24		ng/l	1.47	1.13	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.47	0.382	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.87	2.80	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.47	0.484	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.47	1.06	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.47	0.646	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.47	0.690	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.47	0.837	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.47	0.675	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.47	0.734	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.47	0.675	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.47	1.07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.87	0.866	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.87	1.14	1

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01
Client ID: MW-105
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 14:20
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.47	0.690	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.87	1.14	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.87	2.91	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.47	0.572	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.47	0.426	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.7	1.56	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.7	1.32	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.94	0.132	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.94	0.763	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.94	0.367	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.94	0.866	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.34	1.89	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.7	10.5	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.7	11.1	1

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01
Client ID: MW-105
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 14:20
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	104		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	103		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	96		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	116		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	112		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	101		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	106		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	109		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	101		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	112		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	100		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	93		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	129		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	95		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	91		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	135		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	86		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	77		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	104		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	85		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	88		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90		10-130

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 12:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/25/26 17:48
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 12:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds						
Total TIC Compounds	54.6	J	ug/l			1
Unknown Alkane	6.10	J	ug/l			1
Unknown Alkane	7.40	J	ug/l			1
Unknown Alkane	4.10	J	ug/l			1
Unknown Organic Acid	6.50	J	ug/l			1
Unknown Alkane	4.70	J	ug/l			1
Unknown	25.8	J	ug/l			1

Project Name: SYR GATEWAY
Lab Number: L2630380
Project Number: 086328
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 12:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	66		41-149

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 12:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/26/26 18:52
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 05/25/26 11:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	112.	J	ng/l	278	84.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	35		15-110

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 12:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/27/26 17:33
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.07	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.12		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SYR GATEWAY
Lab Number: L2630380
Project Number: 086328
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 12:30
Date Received: 05/18/26
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	32		10-120
Nitrobenzene-d5	91		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	54		10-120
4-Terphenyl-d14	88		41-149

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 12:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 168,1633A
Analytical Date: 06/10/26 17:32
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/01/26 08:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	6.67		ng/l	5.72	3.83	1
Perfluoropentanoic Acid (PFPeA)	3.70		ng/l	2.86	0.572	1
Perfluorobutanesulfonic Acid (PFBS)	1.93		ng/l	1.43	0.458	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.72	1.33	1
Perfluorohexanoic Acid (PFHxA)	2.19		ng/l	1.43	1.17	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.43	0.329	1
Perfluoroheptanoic Acid (PFHpA)	0.887	J	ng/l	1.43	0.444	1
Perfluorohexanesulfonic Acid (PFHxS)	0.658	JF	ng/l	1.43	0.630	1
Perfluorooctanoic Acid (PFOA)	2.79		ng/l	1.43	0.358	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.72	3.43	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.43	0.444	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.43	0.229	1
Perfluorooctanesulfonic Acid (PFOS)	1.32	JF	ng/l	1.43	1.10	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.43	0.372	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.72	2.73	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.43	0.472	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.43	1.03	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.43	0.630	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.43	0.672	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.43	0.816	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.43	0.658	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.43	0.715	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.43	0.658	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.43	1.04	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.72	0.844	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.72	1.12	1

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 12:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.43	0.672	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.72	1.12	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.72	2.83	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.43	0.558	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.43	0.415	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.3	1.52	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.3	1.29	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.86	0.129	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.86	0.744	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.86	0.358	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.86	0.844	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.15	1.84	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	35.8	10.3	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	35.8	10.8	1

Project Name: SYR GATEWAY
Lab Number: L2630380
Project Number: 086328
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 12:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	105		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	110		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	101		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	108		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	107		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	108		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	105		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	95		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	111		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	88		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	110		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	98		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	96		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	115		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	89		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	128		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	84		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	74		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	100		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	74		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	78		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	77		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	79		10-130

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 09:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/25/26 18:09
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: SYR GATEWAY **Lab Number:** L2630380

Project Number: 086328 **Report Date:** 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03 Date Collected: 05/18/26 09:00

Client ID: CHA-1 Date Received: 05/18/26

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	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1
Tentatively Identified Compounds						
Total TIC Compounds	47.0	J	ug/l			1
Unknown Alkane	4.00	J	ug/l			1
Unknown Alkane	5.90	J	ug/l			1
Unknown	31.5	J	ug/l			1
Unknown Alkane	5.60	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	73		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	70		41-149

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 09:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/26/26 19:16
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 05/25/26 11:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	99.4	J	ng/l	278	84.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 09:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/27/26 17:52
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.04	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SYR GATEWAY
Lab Number: L2630380
Project Number: 086328
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 09:00
Date Received: 05/18/26
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	34		10-120
Nitrobenzene-d5	97		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	58		10-120
4-Terphenyl-d14	90		41-149

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 09:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 168,1633A
Analytical Date: 06/10/26 18:07
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/01/26 08:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	7.11		ng/l	5.86	3.93	1
Perfluoropentanoic Acid (PFPeA)	3.66		ng/l	2.93	0.586	1
Perfluorobutanesulfonic Acid (PFBS)	1.89		ng/l	1.46	0.469	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.86	1.36	1
Perfluorohexanoic Acid (PFHxA)	2.23		ng/l	1.46	1.20	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.46	0.337	1
Perfluoroheptanoic Acid (PFHpA)	0.806	J	ng/l	1.46	0.454	1
Perfluorohexanesulfonic Acid (PFHxS)	0.718	J	ng/l	1.46	0.645	1
Perfluorooctanoic Acid (PFOA)	2.56		ng/l	1.46	0.366	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.86	3.52	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.46	0.454	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.46	0.234	1
Perfluorooctanesulfonic Acid (PFOS)	1.30	JF	ng/l	1.46	1.13	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.46	0.381	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.86	2.80	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.46	0.484	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.46	1.06	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.46	0.645	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.46	0.689	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.46	0.835	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.46	0.674	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.46	0.733	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.46	0.674	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.46	1.07	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.86	0.865	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.86	1.14	1

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 09:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.46	0.689	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.86	1.14	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.86	2.90	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.46	0.572	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.46	0.425	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.6	1.55	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.6	1.32	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.93	0.132	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.93	0.762	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.93	0.366	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.93	0.865	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.33	1.89	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.6	10.5	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.6	11.1	1

Project Name: SYR GATEWAY **Lab Number:** L2630380

Project Number: 086328 **Report Date:** 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03 Date Collected: 05/18/26 09:00

Client ID: CHA-1 Date Received: 05/18/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	107		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	104		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	102		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	117		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	118		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	107		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	108		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	99		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	115		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	101		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	104		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	102		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	110		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	98		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	78		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	112		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	95		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	84		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	103		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	70		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	70		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	73		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	77		10-130

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05
Client ID: FIELD BLANK
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 11:10
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/25/26 18:30
Analyst: SMZ

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05
Client ID: FIELD BLANK
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 11:10
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	27.2	J	ug/l			1
Unknown Organic Acid	4.10	J	ug/l			1
Unknown	23.1	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	42		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	52		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	56		41-149

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05
Client ID: FIELD BLANK
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 11:10
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/26/26 19:40
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 05/25/26 11:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	312	94.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		15-110

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05
Client ID: FIELD BLANK
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 11:10
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/27/26 18:10
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.08	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	0.06	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	0.04	J	ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.06	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SYR GATEWAY
Lab Number: L2630380
Project Number: 086328
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05
Client ID: FIELD BLANK
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 11:10
Date Received: 05/18/26
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	44		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	50		10-120
4-Terphenyl-d14	74		41-149

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05
Client ID: FIELD BLANK
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 11:10
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 168,1633A
Analytical Date: 06/10/26 18:16
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/01/26 08:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.27	4.20	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.14	0.627	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.57	0.502	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.27	1.46	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.57	1.29	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.57	0.361	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.57	0.486	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.57	0.690	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.57	0.392	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.27	3.76	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.57	0.486	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.57	0.251	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.57	1.21	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.57	0.408	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.27	3.00	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.57	0.518	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.57	1.13	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.57	0.690	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.57	0.737	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.57	0.894	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.57	0.721	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.57	0.784	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.57	0.721	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.57	1.14	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.27	0.925	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.27	1.22	1

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05
Client ID: FIELD BLANK
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 11:10
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.57	0.737	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.27	1.22	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.27	3.10	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.57	0.612	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.57	0.455	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	15.7	1.66	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	15.7	1.41	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.14	0.141	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.14	0.816	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.14	0.392	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.14	0.925	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.84	2.02	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	39.2	11.3	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	39.2	11.8	1

Project Name: SYR GATEWAY **Lab Number:** L2630380

Project Number: 086328 **Report Date:** 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05 Date Collected: 05/18/26 11:10

Client ID: FIELD BLANK Date Received: 05/18/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	112		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	102		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	118		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	111		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	107		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	109		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	111		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	112		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	117		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	104		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	108		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	103		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	113		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	116		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	96		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	93		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	111		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	93		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	78		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	102		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	73		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	73		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	89		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	92		10-130

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06
Client ID: EQUIPMENT BLANK
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 15:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/26/26 21:20
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: SYR GATEWAY **Lab Number:** L2630380

Project Number: 086328 **Report Date:** 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06 Date Collected: 05/18/26 15:30

Client ID: EQUIPMENT BLANK Date Received: 05/18/26

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	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	ND		ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	2.3	J	ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Tentatively Identified Compounds

Total TIC Compounds	43.6	J	ug/l			1
Unknown	34.9	J	ug/l			1
Unknown Organic Acid	4.60	J	ug/l			1
Unknown	4.10	J	ug/l			1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	23		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	74		41-149

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06
Client ID: EQUIPMENT BLANK
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 15:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/26/26 20:04
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 05/25/26 11:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270E-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	288	87.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	36		15-110

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06
Client ID: EQUIPMENT BLANK
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 15:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/27/26 18:28
Analyst: CSN

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	0.03	J	ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: SYR GATEWAY
Lab Number: L2630380
Project Number: 086328
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06
Client ID: EQUIPMENT BLANK
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 15:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	57		10-120
4-Terphenyl-d14	76		41-149

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06
Client ID: EQUIPMENT BLANK
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 15:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 168,1633A
Analytical Date: 06/10/26 18:25
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/01/26 08:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	5.80	3.89	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.90	0.580	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.45	0.464	1
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	5.80	1.35	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.45	1.19	1
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.45	0.334	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.45	0.450	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.45	0.639	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.45	0.363	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	5.80	3.48	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.45	0.450	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.45	0.232	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.45	1.12	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.45	0.377	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	5.80	2.77	1
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.45	0.479	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.45	1.04	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.45	0.639	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.45	0.682	1
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.45	0.827	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.45	0.668	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.45	0.726	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.45	0.668	1
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.45	1.06	1
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	5.80	0.856	1
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	5.80	1.13	1

Project Name: SYR GATEWAY
Lab Number: L2630380
Project Number: 086328
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06
Client ID: EQUIPMENT BLANK
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 15:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab						
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.45	0.682	1
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	5.80	1.13	1
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	5.80	2.87	1
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.45	0.566	1
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.45	0.421	1
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	14.5	1.54	1
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	14.5	1.31	1
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	2.90	0.131	1
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	2.90	0.755	1
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	2.90	0.363	1
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	2.90	0.856	1
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	7.26	1.87	1
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	36.3	10.4	1
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	36.3	11.0	1

Project Name: SYR GATEWAY **Lab Number:** L2630380

Project Number: 086328 **Report Date:** 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06 Date Collected: 05/18/26 15:30

Client ID: EQUIPMENT BLANK Date Received: 05/18/26

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	109		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	102		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	104		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	102		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	105		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	111		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	102		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	115		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	110		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	105		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	117		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	93		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	127		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	107		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	94		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	98		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	126		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	91		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	77		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	102		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	86		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	88		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	98		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	104		10-130

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-07
Client ID: SOIL-WC
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 16:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/27/26 12:18
Analyst: LJG
Percent Solids: 84%
TCLP/SPLP Ext. Date: 05/25/26 03:30

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 23:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
Pentachlorophenol	ND		ug/l	10	2.5	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Pyridine	1.0	J	ug/l	3.5	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	29		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	62		10-120
4-Terphenyl-d14	83		41-149

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/24/26 09:43
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2217819-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/24/26 09:43
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2217819-1					
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/24/26 09:43
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2217819-1					
Tentatively Identified Compounds					
Total TIC Compounds	30.9	J	ug/l		
Unknown Organic Acid	4.90	J	ug/l		
Unknown	26.0	J	ug/l		

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	36		21-120
Phenol-d6	21		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	55		15-120
2,4,6-Tribromophenol	69		10-120
4-Terphenyl-d14	79		41-149

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/23/26 17:13
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2217820-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.04	J	ug/l	0.10	0.02
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/23/26 17:13
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/23/26 11:06

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2217820-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	88		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	81		41-149

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/26/26 14:47
Analyst: DB

Extraction Method: EPA 3510C
Extraction Date: 05/25/26 08:30

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270E-SIM - Mansfield Lab for sample(s): 01-03,05-06 Batch: WG2218256-1					
1,4-Dioxane	ND		ng/l	300	90.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	44		15-110

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/27/26 09:41
Analyst: LJG
TCLP/SPLP Extraction Date: 05/23/26 19:45

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 23:26

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 07 Batch: WG2218990-1					
Hexachlorobenzene	ND		ug/l	2.0	0.45
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachloroethane	ND		ug/l	2.0	0.20
Nitrobenzene	ND		ug/l	2.0	0.20
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
Pentachlorophenol	ND		ug/l	10	2.5
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Pyridine	0.95	J	ug/l	3.5	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	79		41-149

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 06/10/26 16:12
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/01/26 08:10

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03,05-06 Batch: WG2221193-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	6.40	4.29
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	3.20	0.640
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.60	0.512
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND		ng/l	6.40	1.49
Perfluorohexanoic Acid (PFHxA)	ND		ng/l	1.60	1.31
Perfluoropentanesulfonic Acid (PFPeS)	ND		ng/l	1.60	0.368
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.60	0.496
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.60	0.704
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.60	0.400
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	6.40	3.84
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.60	0.496
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.60	0.256
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.60	1.23
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.60	0.416
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	6.40	3.06
Perfluorononanesulfonic Acid (PFNS)	ND		ng/l	1.60	0.528
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.60	1.15
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.60	0.704
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.60	0.752
Perfluorooctanesulfonamide (PFOSA)	ND		ng/l	1.60	0.912
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.60	0.736
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.60	0.800

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 06/10/26 16:12
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/01/26 08:10

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03,05-06 Batch: WG2221193-1					
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.60	0.736
Perfluorotetradecanoic Acid (PFTeDA)	ND		ng/l	1.60	1.17
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND		ng/l	6.40	0.944
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND		ng/l	6.40	1.25
Perfluorododecanesulfonic Acid (PFDoS)	ND		ng/l	1.60	0.752
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND		ng/l	6.40	1.25
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND		ng/l	6.40	3.17
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND		ng/l	1.60	0.624
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND		ng/l	1.60	0.464
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND		ng/l	16.0	1.70
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND		ng/l	16.0	1.44
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND		ng/l	3.20	0.144
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND		ng/l	3.20	0.832
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND		ng/l	3.20	0.400
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND		ng/l	3.20	0.944
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND		ng/l	8.00	2.06
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND		ng/l	40.0	11.5
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND		ng/l	40.0	12.1

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 168,1633A
Analytical Date: 06/10/26 16:12
Analyst: AC

Extraction Method: EPA 1633
Extraction Date: 06/01/26 08:10

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab for sample(s): 01-03,05-06 Batch: WG2221193-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	101		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	96		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	87		40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	99		40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	103		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	105		40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	97		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	105		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	102		40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	97		40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	91		40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	91		40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	95		40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	88		30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	85		40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	107		25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	87		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	72		10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	96		40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	57		10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	58		10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81		10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	85		10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2217819-2 WG2217819-3								
Bis(2-chloroethyl)ether	58		59		40-140	2		30
3,3'-Dichlorobenzidine	69		68		40-140	1		30
2,4-Dinitrotoluene	89		89		48-143	0		30
2,6-Dinitrotoluene	86		88		40-140	2		30
4-Chlorophenyl phenyl ether	66		64		40-140	3		30
4-Bromophenyl phenyl ether	69		66		40-140	4		30
Bis(2-chloroisopropyl)ether	49		50		40-140	2		30
Bis(2-chloroethoxy)methane	56		60		40-140	7		30
Hexachlorocyclopentadiene	44		46		40-140	4		30
Isophorone	57		58		40-140	2		30
Nitrobenzene	64		62		40-140	3		30
NDPA/DPA	60		66		40-140	10		30
n-Nitrosodi-n-propylamine	59		58		29-132	2		30
Bis(2-ethylhexyl)phthalate	94		92		40-140	2		30
Butyl benzyl phthalate	100		97		40-140	3		30
Di-n-butylphthalate	81		79		40-140	3		30
Di-n-octylphthalate	100		96		40-140	4		30
Diethyl phthalate	71		71		40-140	0		30
Dimethyl phthalate	73		73		40-140	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2217819-2 WG2217819-3								
Biphenyl	63		64		40-140	2		30
4-Chloroaniline	66		48		40-140	**32**	Q	30
2-Nitroaniline	97		98		52-143	1		30
3-Nitroaniline	83		76		25-145	9		30
4-Nitroaniline	87		84		51-143	4		30
Dibenzofuran	64		64		40-140	0		30
1,2,4,5-Tetrachlorobenzene	58		59		2-134	2		30
Acetophenone	68		67		39-129	1		30
2,4,6-Trichlorophenol	76		81		30-130	6		30
p-Chloro-m-cresol	75		77		23-97	3		30
2-Chlorophenol	67		66		27-123	2		30
2,4-Dichlorophenol	74		72		30-130	3		30
2,4-Dimethylphenol	62		64		30-130	3		30
2-Nitrophenol	85		86		30-130	1		30
4-Nitrophenol	59		59		10-80	0		30
2,4-Dinitrophenol	85		83		20-130	2		30
4,6-Dinitro-o-cresol	98		100		20-164	2		30
Phenol	34		34		12-110	0		30
2-Methylphenol	64		65		30-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2217819-2 WG2217819-3								
3-Methylphenol/4-Methylphenol	62		60		30-130	3		30
2,4,5-Trichlorophenol	86		84		30-130	2		30
Carbazole	74		73		55-144	1		30
Atrazine	78		79		40-140	1		30
Benzaldehyde	64		63		40-140	2		30
Caprolactam	23		25		10-130	8		30
2,3,4,6-Tetrachlorophenol	85		85		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	43		45		21-120
Phenol-d6	27		29		10-120
Nitrobenzene-d5	66		60		23-120
2-Fluorobiphenyl	60		57		15-120
2,4,6-Tribromophenol	73		71		10-120
4-Terphenyl-d14	79		74		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2217820-2 WG2217820-3								
Acenaphthene	65		65		40-140	0		40
2-Chloronaphthalene	65		68		40-140	5		40
Fluoranthene	83		80		40-140	4		40
Hexachlorobutadiene	50		53		40-140	6		40
Naphthalene	58		61		40-140	5		40
Benzo(a)anthracene	79		76		40-140	4		40
Benzo(a)pyrene	82		80		40-140	2		40
Benzo(b)fluoranthene	78		75		40-140	4		40
Benzo(k)fluoranthene	79		75		40-140	5		40
Chrysene	83		79		40-140	5		40
Acenaphthylene	79		80		40-140	1		40
Anthracene	75		74		40-140	1		40
Benzo(ghi)perylene	90		85		40-140	6		40
Fluorene	70		68		40-140	3		40
Phenanthrene	72		70		40-140	3		40
Dibenzo(a,h)anthracene	91		87		40-140	4		40
Indeno(1,2,3-cd)pyrene	88		84		40-140	5		40
Pyrene	83		81		40-140	2		40
2-Methylnaphthalene	65		68		40-140	5		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2217820-2 WG2217820-3								
Pentachlorophenol	94		91		40-140	3		40
Hexachlorobenzene	65		63		40-140	3		40
Hexachloroethane	47		49		40-140	4		40

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	49		49		21-120
Phenol-d6	36		36		10-120
Nitrobenzene-d5	100		98		23-120
2-Fluorobiphenyl	69		66		15-120
2,4,6-Tribromophenol	64		61		10-120
4-Terphenyl-d14	84		78		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab	Associated sample(s): 01-03,05-06		Batch: WG2218256-2 WG2218256-3					
1,4-Dioxane	123		124		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	38		33		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 07 Batch: WG2218990-2 WG2218990-3								
Hexachlorobenzene	84		80		40-140	5		30
2,4-Dinitrotoluene	104		102		48-143	2		30
Hexachlorobutadiene	90		90		40-140	0		30
Hexachloroethane	75		72		40-140	4		30
Nitrobenzene	73		74		40-140	1		30
2,4,6-Trichlorophenol	94		94		30-130	0		30
Pentachlorophenol	**114**	Q	**105**	Q	9-103	8		30
2-Methylphenol	75		70		30-130	7		30
3-Methylphenol/4-Methylphenol	75		72		30-130	4		30
2,4,5-Trichlorophenol	97		94		30-130	3		30
Pyridine	**76**	Q	**69**	Q	10-66	10		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	59		60		21-120
Phenol-d6	39		36		10-120
Nitrobenzene-d5	71		76		23-120
2-Fluorobiphenyl	72		78		15-120
2,4,6-Tribromophenol	89		91		10-120
4-Terphenyl-d14	81		80		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG2221193-2 LOW LEVEL								
Perfluorobutanoic Acid (PFBA)	120		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	113		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	105		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	105		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	114		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	101		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	104		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	102		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	106		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	99		-		70-150	-		
Perfluorononanoic Acid (PFNA)	110		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	94		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	97		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	113		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	98		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	96		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	116		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG2221193-2 LOW LEVEL								
Perfluorodecanesulfonic Acid (PFDS)	103		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	103		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	134		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	99		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	110		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	112		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	108		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	109		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	124		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	100		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	90		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	112		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	127		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	106		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	100		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	116		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG2221193-2 LOW LEVEL								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	110		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	101		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	110		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	110		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	110		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	91		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	Low Level LCS %Recovery	Qual	Low Level LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG2221193-2 LOW LEVEL

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	108				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	102				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	100				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	103				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	110				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	108				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	107				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	114				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	102				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	112				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	102				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	103				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	121				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	98				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	93				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	119				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	97				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	87				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	100				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	75				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	78				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	81				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	90				10-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG2221193-3								
Perfluorobutanoic Acid (PFBA)	114		-		70-140	-		
Perfluoropentanoic Acid (PFPeA)	110		-		65-135	-		
Perfluorobutanesulfonic Acid (PFBS)	108		-		60-145	-		
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	113		-		70-145	-		
Perfluorohexanoic Acid (PFHxA)	104		-		70-145	-		
Perfluoropentanesulfonic Acid (PFPeS)	104		-		65-140	-		
Perfluoroheptanoic Acid (PFHpA)	102		-		70-150	-		
Perfluorohexanesulfonic Acid (PFHxS)	96		-		65-145	-		
Perfluorooctanoic Acid (PFOA)	99		-		70-150	-		
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	111		-		65-155	-		
Perfluoroheptanesulfonic Acid (PFHpS)	102		-		70-150	-		
Perfluorononanoic Acid (PFNA)	102		-		70-150	-		
Perfluorooctanesulfonic Acid (PFOS)	98		-		55-150	-		
Perfluorodecanoic Acid (PFDA)	102		-		70-140	-		
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	114		-		60-150	-		
Perfluorononanesulfonic Acid (PFNS)	103		-		65-145	-		
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	107		-		50-140	-		
Perfluoroundecanoic Acid (PFUnA)	116		-		70-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG2221193-3								
Perfluorodecanesulfonic Acid (PFDS)	109		-		60-145	-		
Perfluorooctanesulfonamide (PFOSA)	104		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	96		-		70-145	-		
Perfluorododecanoic Acid (PFDoA)	102		-		70-140	-		
Perfluorotridecanoic Acid (PFTrDA)	97		-		65-140	-		
Perfluorotetradecanoic Acid (PFTeDA)	103		-		60-140	-		
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	105		-		70-140	-		
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	108		-		65-145	-		
Perfluorododecanesulfonic Acid (PFDoS)	120		-		50-145	-		
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	102		-		70-155	-		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	93		-		55-160	-		
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	96		-		60-150	-		
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	101		-		65-145	-		
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	101		-		70-145	-		
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	95		-		70-135	-		
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	113		-		55-140	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG2221193-3								
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	108		-		60-150	-		
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	98		-		70-140	-		
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	112		-		50-150	-		
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	111		-		65-130	-		
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	104		-		70-135	-		
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	90		-		50-145	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG2221193-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	103				5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	103				40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	95				40-135
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	101				40-200
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	104				40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	109				40-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	103				40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	108				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	106				40-200
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	101				40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	101				40-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	106				40-130
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	102				40-300
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	112				40-170
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	99				30-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	84				40-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	124				25-135
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	101				10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	88				10-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	106				40-130
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	78				10-130
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	79				10-130
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84				10-130
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	89				10-130

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2217819-7 WG2217819-8 QC Sample: L2630380-01 Client ID: MW-105												
Bis(2-chloroethyl)ether	ND	20	13	65		14	70		40-140	7		30
3,3'-Dichlorobenzidine	ND	20	10	50		11	55		40-140	10		30
2,4-Dinitrotoluene	ND	20	15	75		15	75		48-143	0		30
2,6-Dinitrotoluene	ND	20	16	80		16	80		40-140	0		30
4-Chlorophenyl phenyl ether	ND	20	14	70		14	70		40-140	0		30
4-Bromophenyl phenyl ether	ND	20	13	65		14	70		40-140	7		30
Bis(2-chloroisopropyl)ether	ND	20	13	65		14	70		40-140	7		30
Bis(2-chloroethoxy)methane	ND	20	14	70		14	70		40-140	0		30
Hexachlorocyclopentadiene	ND	20	9.6J	48		11.J	55		40-140	14		30
Isophorone	ND	20	14	70		15	75		40-140	7		30
Nitrobenzene	ND	20	15	75		15	75		40-140	0		30
NDPA/DPA	ND	20	13	65		14	70		40-140	7		30
n-Nitrosodi-n-propylamine	ND	20	15	75		15	75		29-132	0		30
Bis(2-ethylhexyl)phthalate	ND	20	18	90		18	90		40-140	0		30
Butyl benzyl phthalate	ND	20	17	85		16	80		40-140	6		30
Di-n-butylphthalate	ND	20	16	80		16	80		40-140	0		30
Di-n-octylphthalate	ND	20	19	95		19	95		40-140	0		30
Diethyl phthalate	ND	20	15	75		15	75		40-140	0		30
Dimethyl phthalate	ND	20	18	90		17	85		40-140	6		30

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2217819-7 WG2217819-8 QC Sample: L2630380-01 Client ID: MW-105												
Biphenyl	ND	20	14	70		15	75		40-140	7		30
4-Chloroaniline	ND	20	14	70		13	65		40-140	7		30
2-Nitroaniline	ND	20	15	75		16	80		52-143	6		30
3-Nitroaniline	ND	20	13	65		14	70		25-145	7		30
4-Nitroaniline	ND	20	12	60		11	55		51-143	9		30
Dibenzofuran	ND	20	14	70		15	75		40-140	7		30
1,2,4,5-Tetrachlorobenzene	ND	20	13	65		12	60		2-134	8		30
Acetophenone	ND	20	14	70		15	75		39-129	7		30
2,4,6-Trichlorophenol	ND	20	16	80		16	80		30-130	0		30
p-Chloro-m-cresol	ND	20	15	75		16	80		23-97	6		30
2-Chlorophenol	ND	20	13	65		15	75		27-123	14		30
2,4-Dichlorophenol	ND	20	14	70		16	80		30-130	13		30
2,4-Dimethylphenol	ND	20	11	55		13	65		30-130	17		30
2-Nitrophenol	ND	20	14	70		15	75		30-130	7		30
4-Nitrophenol	ND	20	12	60		12	60		10-80	0		30
2,4-Dinitrophenol	ND	20	18.J	90		18.J	90		20-130	0		30
4,6-Dinitro-o-cresol	ND	20	17	85		18	90		20-164	6		30
Phenol	ND	20	8.5	43		8.8	44		12-110	3		30
2-Methylphenol	ND	20	13	65		14	70		30-130	7		30

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2217819-7 WG2217819-8 QC Sample: L2630380-01 Client ID: MW-105												
3-Methylphenol/4-Methylphenol	ND	20	13	65		13	65		30-130	0		30
2,4,5-Trichlorophenol	ND	20	17	85		17	85		30-130	0		30
Carbazole	ND	20	16	80		16	80		55-144	0		30
Atrazine	ND	20	15	75		14	70		40-140	7		30
Benzaldehyde	ND	20	14	70		15	75		40-140	7		30
Caprolactam	ND	20	5.7J	29		5.6J	28		10-130	2		30
2,3,4,6-Tetrachlorophenol	ND	20	16	80		16	80		40-140	0		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	69		70		10-120
2-Fluorobiphenyl	65		66		15-120
2-Fluorophenol	52		52		21-120
4-Terphenyl-d14	65		69		41-149
Nitrobenzene-d5	67		70		23-120
Phenol-d6	35		35		10-120

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2217820-4 WG2217820-5 QC Sample: L2630380-01 Client ID: MW-105												
Acenaphthene	ND	20	14	70		14	70		40-140	0		40
2-Chloronaphthalene	ND	20	15	75		15	75		40-140	0		40
Fluoranthene	ND	20	19	95		17	85		40-140	11		40
Hexachlorobutadiene	ND	20	12	60		13	65		40-140	8		40
Naphthalene	0.03J	20	13	65		13	65		40-140	0		40
Benzo(a)anthracene	0.03J	20	17	85		16	80		40-140	6		40
Benzo(a)pyrene	ND	20	18	90		17	85		40-140	6		40
Benzo(b)fluoranthene	ND	20	18	90		17	85		40-140	6		40
Benzo(k)fluoranthene	ND	20	17	85		16	80		40-140	6		40
Chrysene	ND	20	18	90		17	85		40-140	6		40
Acenaphthylene	ND	20	17	85		16	80		40-140	6		40
Anthracene	ND	20	16	80		16	80		40-140	0		40
Benzo(ghi)perylene	ND	20	19	95		17	85		40-140	11		40
Fluorene	ND	20	15	75		15	75		40-140	0		40
Phenanthrene	ND	20	16	80		15	75		40-140	6		40
Dibenzo(a,h)anthracene	ND	20	19	95		18	90		40-140	5		40
Indeno(1,2,3-cd)pyrene	ND	20	19	95		17	85		40-140	11		40
Pyrene	ND	20	19	95		17	85		40-140	11		40
2-Methylnaphthalene	ND	20	15	75		15	75		40-140	0		40

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2217820-4 WG2217820-5 QC Sample: L2630380-01 Client ID: MW-105												
Pentachlorophenol	ND	20	19	95		18	90		40-140	5		40
Hexachlorobenzene	ND	20	14	70		13	65		40-140	7		40
Hexachloroethane	ND	20	11	55		12	60		40-140	9		40

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
2,4,6-Tribromophenol	66		64		10-120
2-Fluorobiphenyl	73		69		15-120
2-Fluorophenol	57		56		21-120
4-Terphenyl-d14	96		88		41-149
Nitrobenzene-d5	105		104		23-120
Phenol-d6	41		40		10-120

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270E-SIM - Mansfield Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG2218256-4 WG2218256-5 QC Sample: L2630380-01 Client ID: MW-105												
1,4-Dioxane	ND	4810	5950	124		5930	123		40-140	0		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1,4-Dioxane-d8	40		39		15-110

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG2221193-4 WG2221193-5 QC Sample: L2630380-01 Client ID: MW-105												
Perfluorobutanoic Acid (PFBA)	5.99	143	173	117		175	116		70-140	1		30
Perfluoropentanoic Acid (PFPeA)	3.23	71.4	81.0	109		84.6	112		65-135	4		30
Perfluorobutanesulfonic Acid (PFBS)	1.32J	31.7	34.9	106		33.6	100		60-145	4		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	134	156	116		156	114		70-145	0		30
Perfluorohexanoic Acid (PFHxA)	2.76	35.7	40.3	105		41.2	106		70-145	2		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	33.7	33.5	99		34.5	100		65-140	3		30
Perfluoroheptanoic Acid (PFHpA)	2.07	35.7	39.4	105		39.8	104		70-150	1		30
Perfluorohexanesulfonic Acid (PFHxS)	1.17J	32.9	32.1	94		34.6	100		65-145	7		30
Perfluorooctanoic Acid (PFOA)	6.06	35.7	48.0	117		46.5	111		70-150	3		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	136	150	110		135	97		65-155	11		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	34	37.7	111		35.5	102		70-150	6		30
Perfluorononanoic Acid (PFNA)	0.367J	35.7	35.9	100		37.3	101		70-150	4		30
Perfluorooctanesulfonic Acid (PFOS)	6.24	33.1	39.9	102		38.8	96		55-150	3		30
Perfluorodecanoic Acid (PFDA)	ND	35.7	37.0	104		38.9	107		70-140	5		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	137	156	114		169	121		60-150	8		30
Perfluorononanesulfonic Acid (PFNS)	ND	34.6	35.0	101		32.6	92		65-145	7		30

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG2221193-4 WG2221193-5 QC Sample: L2630380-01 Client ID: MW-105												
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	35.7	39.1	109		39.9	110		50-140	2		30
Perfluoroundecanoic Acid (PFUnA)	ND	35.7	38.1	107		41.9	115		70-145	9		30
Perfluorodecanesulfonic Acid (PFDS)	ND	34.6	37.2	108		32.6	92		60-145	13		30
Perfluorooctanesulfonamide (PFOSA)	ND	35.7	35.4	99		37.8	104		70-145	7		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	35.7	36.6	102		41.6	114		70-145	13		30
Perfluorododecanoic Acid (PFDoA)	ND	35.7	34.7	97		36.2	99		70-140	4		30
Perfluorotridecanoic Acid (PFTrDA)	ND	35.7	34.5	97		34.7	95		65-140	1		30
Perfluorotetradecanoic Acid (PFTeDA)	ND	35.7	37.0	104		36.7	101		60-140	1		30
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	143	158	111		156	107		70-140	1		30
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	135	144	107		146	106		65-145	1		30
Perfluorododecanesulfonic Acid (PFDoS)	ND	34.9	46.1	132		40.6	114		50-145	13		30
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	133	134	100		137	101		70-155	2		30
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	135	110	82		115	84		55-160	4		30
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	35.7	34.3	96		37.4	103		60-150	9		30
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	35.7	36.8	103		37.5	103		65-145	2		30

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG2221193-4 WG2221193-5 QC Sample: L2630380-01 Client ID: MW-105												
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	357	359	101		371	102		70-145	3		30
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	357	333	93		347	95		70-135	4		30
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	71.4	90.0	126		86.8	119		55-140	4		30
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	71.4	77.2	108		76.8	105		60-150	1		30
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	63.7	62.0	97		62.6	96		70-140	1		30
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	71.4	79.4	111		80.4	110		50-150	1		30
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	ND	178	190	106		196	108		65-130	3		30
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	ND	893	924	103		951	104		70-135	3		30
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	ND	893	929	104		938	103		50-145	1		30

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	97		106		40-300
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	110		133		40-200
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	110		137		40-200
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	78		86		10-130
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	132		**136**	Q	25-135
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	87		89		10-130

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by EPA 1633 - Mansfield Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG2221193-4 WG2221193-5 QC Sample: L2630380-01 Client ID: MW-105

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	79		86		10-130
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	126		134		40-170
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	84		87		10-130
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	101		116		40-130
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	88		94		40-130
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	102		120		40-130
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	93		116		40-135
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	101		100		30-130
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	107		110		40-130
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	105		104		40-130
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	112		111		40-130
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	98		97		10-130
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	85		84		10-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	108		115		5-130
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	108		104		40-130
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	100		114		40-130
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	118		107		40-130
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	108		107		40-130

PCBS

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01
Client ID: MW-105
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 14:20
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/26/26 17:27
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 02:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.021	1	A
Aroclor 1221	ND		ug/l	0.071	0.026	1	A
Aroclor 1232	ND		ug/l	0.071	0.026	1	A
Aroclor 1242	ND		ug/l	0.071	0.026	1	A
Aroclor 1248	ND		ug/l	0.071	0.026	1	A
Aroclor 1254	ND		ug/l	0.071	0.026	1	A
Aroclor 1260	ND		ug/l	0.071	0.026	1	A
Aroclor 1262	ND		ug/l	0.071	0.026	1	A
Aroclor 1268	ND		ug/l	0.071	0.026	1	A
PCBs, Total	ND		ug/l	0.071	0.021	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 12:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/26/26 17:51
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 02:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.021	1	A
Aroclor 1221	ND		ug/l	0.071	0.026	1	A
Aroclor 1232	ND		ug/l	0.071	0.026	1	A
Aroclor 1242	ND		ug/l	0.071	0.026	1	A
Aroclor 1248	ND		ug/l	0.071	0.026	1	A
Aroclor 1254	ND		ug/l	0.071	0.026	1	A
Aroclor 1260	ND		ug/l	0.071	0.026	1	A
Aroclor 1262	ND		ug/l	0.071	0.026	1	A
Aroclor 1268	ND		ug/l	0.071	0.026	1	A
PCBs, Total	ND		ug/l	0.071	0.021	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 09:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/26/26 17:59
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 02:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.021	1	A
Aroclor 1221	ND		ug/l	0.071	0.026	1	A
Aroclor 1232	ND		ug/l	0.071	0.026	1	A
Aroclor 1242	ND		ug/l	0.071	0.026	1	A
Aroclor 1248	ND		ug/l	0.071	0.026	1	A
Aroclor 1254	ND		ug/l	0.071	0.026	1	A
Aroclor 1260	ND		ug/l	0.071	0.026	1	A
Aroclor 1262	ND		ug/l	0.071	0.026	1	A
Aroclor 1268	ND		ug/l	0.071	0.026	1	A
PCBs, Total	ND		ug/l	0.071	0.021	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05
Client ID: FIELD BLANK
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 11:10
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/26/26 18:07
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 02:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.021	1	A
Aroclor 1221	ND		ug/l	0.071	0.026	1	A
Aroclor 1232	ND		ug/l	0.071	0.026	1	A
Aroclor 1242	ND		ug/l	0.071	0.026	1	A
Aroclor 1248	ND		ug/l	0.071	0.026	1	A
Aroclor 1254	ND		ug/l	0.071	0.026	1	A
Aroclor 1260	ND		ug/l	0.071	0.026	1	A
Aroclor 1262	ND		ug/l	0.071	0.026	1	A
Aroclor 1268	ND		ug/l	0.071	0.026	1	A
PCBs, Total	ND		ug/l	0.071	0.021	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		30-150	B
Decachlorobiphenyl	38		30-150	B

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06
Client ID: EQUIPMENT BLANK
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 15:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 05/26/26 18:15
Analyst: EMR

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 02:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.021	1	A
Aroclor 1221	ND		ug/l	0.071	0.026	1	A
Aroclor 1232	ND		ug/l	0.071	0.026	1	A
Aroclor 1242	ND		ug/l	0.071	0.026	1	A
Aroclor 1248	ND		ug/l	0.071	0.026	1	A
Aroclor 1254	ND		ug/l	0.071	0.026	1	A
Aroclor 1260	ND		ug/l	0.071	0.026	1	A
Aroclor 1262	ND		ug/l	0.071	0.026	1	A
Aroclor 1268	ND		ug/l	0.071	0.026	1	A
PCBs, Total	ND		ug/l	0.071	0.021	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	**27**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	30		30-150	B

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-07
Client ID: SOIL-WC
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 16:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 05/26/26 14:58
Analyst: AGP
Percent Solids: 84%

Extraction Method: EPA 3546
Extraction Date: 05/25/26 03:47
Cleanup Method: EPA 3665A
Cleanup Date: 05/25/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	57.8	5.14	1	A
Aroclor 1221	ND		ug/kg	57.8	5.80	1	A
Aroclor 1232	ND		ug/kg	57.8	12.3	1	A
Aroclor 1242	ND		ug/kg	57.8	7.80	1	A
Aroclor 1248	ND		ug/kg	57.8	8.68	1	A
Aroclor 1254	ND		ug/kg	57.8	6.33	1	A
Aroclor 1260	ND		ug/kg	57.8	10.7	1	A
Aroclor 1262	ND		ug/kg	57.8	7.35	1	A
Aroclor 1268	ND		ug/kg	57.8	5.99	1	A
PCBs, Total	ND		ug/kg	57.8	5.14	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/26/26 14:19
Analyst: EMR

Extraction Method: EPA 3546
Extraction Date: 05/25/26 03:47
Cleanup Method: EPA 3665A
Cleanup Date: 05/25/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/25/26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 07 Batch: WG2218186-1						
Aroclor 1016	ND		ug/kg	46.2	4.10	A
Aroclor 1221	ND		ug/kg	46.2	4.63	A
Aroclor 1232	ND		ug/kg	46.2	9.79	A
Aroclor 1242	ND		ug/kg	46.2	6.22	A
Aroclor 1248	ND		ug/kg	46.2	6.92	A
Aroclor 1254	ND		ug/kg	46.2	5.05	A
Aroclor 1260	ND		ug/kg	46.2	8.53	A
Aroclor 1262	ND		ug/kg	46.2	5.86	A
Aroclor 1268	ND		ug/kg	46.2	4.78	A
PCBs, Total	ND		ug/kg	46.2	4.10	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	50		30-150	B
Decachlorobiphenyl	103		30-150	B

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 05/26/26 16:05
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 02:37
Cleanup Method: EPA 3665A
Cleanup Date: 05/26/26
Cleanup Method: EPA 3660B
Cleanup Date: 05/26/26

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-03,05-06 Batch: WG2218425-1						
Aroclor 1016	ND		ug/l	0.071	0.021	A
Aroclor 1221	ND		ug/l	0.071	0.026	A
Aroclor 1232	ND		ug/l	0.071	0.026	A
Aroclor 1242	ND		ug/l	0.071	0.026	A
Aroclor 1248	ND		ug/l	0.071	0.026	A
Aroclor 1254	ND		ug/l	0.071	0.026	A
Aroclor 1260	ND		ug/l	0.071	0.026	A
Aroclor 1262	ND		ug/l	0.071	0.026	A
Aroclor 1268	ND		ug/l	0.071	0.026	A
PCBs, Total	ND		ug/l	0.071	0.021	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	52		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	58		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 07 Batch: WG2218186-2 WG2218186-3									
Aroclor 1016	97		100		40-140	3		50	A
Aroclor 1260	98		103		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		57		30-150	A
Decachlorobiphenyl	104		107		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		63		30-150	B
Decachlorobiphenyl	109		112		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-03,05-06 Batch: WG2218425-2 WG2218425-3									
Aroclor 1016	70		76		40-140	8		50	A
Aroclor 1260	80		88		40-140	9		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		60		30-150	A
Decachlorobiphenyl	54		58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	61		68		30-150	B
Decachlorobiphenyl	67		57		30-150	B

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2218425-4 WG2218425-5 QC Sample: L2630380-01 Client ID: MW-105													
Aroclor 1016	ND	2.5	2.04	82		1.93	77		40-140	6		50	A
Aroclor 1260	ND	2.5	2.23	89		2.13	85		40-140	5		50	A

Surrogate	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		63		30-150	A
Decachlorobiphenyl	69		61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		72		30-150	B
Decachlorobiphenyl	75		74		30-150	B

PESTICIDES

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-07
Client ID: SOIL-WC
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 16:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 05/27/26 16:59
Analyst: PEG
Percent Solids: 84%
TCLP/SPLP Ext. Date: 05/25/26 03:30

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 23:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.005	1	A
Heptachlor	ND		ug/l	0.100	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.005	1	A
Endrin	ND		ug/l	0.200	0.008	1	A
Methoxychlor	ND		ug/l	1.00	0.014	1	A
Toxaphene	ND		ug/l	1.00	0.150	1	A
Chlordane	ND		ug/l	1.00	0.098	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	105		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-07
Client ID: SOIL-WC
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 16:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 05/27/26 11:45
Analyst: DLP
Percent Solids: 84%
TCLP/SPLP Ext. Date: 05/25/26 03:30
Methylation Date: 05/27/26 03:44

Extraction Method: EPA 8151A
Extraction Date: 05/26/26 14:33

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	38		30-150	A
DCAA	37		30-150	B

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 05/27/26 10:28
Analyst: DLP
TCLP/SPLP Extraction Date: 05/23/26 19:45
Methylation Date: 05/27/26 03:44

Extraction Method: EPA 8151A
Extraction Date: 05/26/26 14:33

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 07 Batch: WG2218778-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	42		30-150	A
DCAA	42		30-150	B

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 05/27/26 16:08
Analyst: DLP
TCLP/SPLP Extraction Date: 05/23/26 19:45

Extraction Method: EPA 3510C
Extraction Date: 05/26/26 23:26

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 07 Batch: WG2218992-1						
Lindane	ND		ug/l	0.100	0.005	A
Heptachlor	ND		ug/l	0.100	0.005	A
Heptachlor epoxide	ND		ug/l	0.100	0.005	A
Endrin	ND		ug/l	0.200	0.008	A
Methoxychlor	ND		ug/l	1.00	0.014	A
Toxaphene	ND		ug/l	1.00	0.150	A
Chlordane	ND		ug/l	1.00	0.098	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		30-150	A
Decachlorobiphenyl	103		30-150	A
2,4,5,6-Tetrachloro-m-xylene	100		30-150	B
Decachlorobiphenyl	88		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 07 Batch: WG2218778-2 WG2218778-3									
2,4-D	91		76		30-150	18		25	A
2,4,5-TP (Silvex)	40		41		30-150	2		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	46		49		30-150	A
DCAA	44		46		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 07 Batch: WG2218992-2 WG2218992-3									
Lindane	114		103		30-150	10		20	A
Heptachlor	128		117		30-150	9		20	A
Heptachlor epoxide	133		121		30-150	9		20	A
Endrin	126		116		30-150	8		20	A
Methoxychlor	117		105		30-150	11		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	112		105		30-150	A
Decachlorobiphenyl	101		98		30-150	A
2,4,5,6-Tetrachloro-m-xylene	99		90		30-150	B
Decachlorobiphenyl	91		83		30-150	B

METALS

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-01
Client ID: MW-105
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Water

Date Collected: 05/18/26 14:20
Date Received: 05/18/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0179		mg/l	0.0100	0.00327	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Barium, Total	0.1458		mg/l	0.00050	0.00017	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Calcium, Total	201.		mg/l	0.100	0.0394	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Chromium, Total	0.00031	J	mg/l	0.00100	0.00017	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Cobalt, Total	0.00046	J	mg/l	0.00050	0.00016	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Copper, Total	0.00165		mg/l	0.00100	0.00038	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Iron, Total	0.0398	J	mg/l	0.0500	0.0191	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Magnesium, Total	40.0		mg/l	0.0700	0.0242	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Manganese, Total	0.1190		mg/l	0.00100	0.00044	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/01/26 22:50	06/02/26 08:25	EPA 7470A	1,7470A	RJG
Nickel, Total	0.00093	J	mg/l	0.00200	0.00055	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Potassium, Total	29.4		mg/l	0.100	0.0309	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Selenium, Total	0.00375	J	mg/l	0.00500	0.00173	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Sodium, Total	692.		mg/l	50.0	2.93	100	05/31/26 18:19	06/03/26 11:00	EPA 3005A	1,6020B	DHL
Thallium, Total	ND		mg/l	0.00050	0.00014	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/31/26 18:19	06/03/26 09:19	EPA 3005A	1,6020B	DHL

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-02
Client ID: MW-106
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Water

Date Collected: 05/18/26 12:30
Date Received: 05/18/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0592		mg/l	0.0100	0.00327	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Arsenic, Total	0.00031	J	mg/l	0.00050	0.00016	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Barium, Total	0.1453		mg/l	0.00050	0.00017	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Calcium, Total	187.		mg/l	0.100	0.0394	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Chromium, Total	0.00095	J	mg/l	0.00100	0.00017	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Cobalt, Total	0.00161		mg/l	0.00050	0.00016	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Copper, Total	0.00099	J	mg/l	0.00100	0.00038	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Iron, Total	0.174		mg/l	0.0500	0.0191	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Magnesium, Total	33.2		mg/l	0.0700	0.0242	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Manganese, Total	0.2655		mg/l	0.00100	0.00044	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/01/26 22:50	06/02/26 08:51	EPA 7470A	1,7470A	RJG
Nickel, Total	0.00286		mg/l	0.00200	0.00055	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Potassium, Total	16.2		mg/l	0.100	0.0309	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Sodium, Total	423.		mg/l	5.00	0.293	10	05/31/26 18:19	06/03/26 19:27	EPA 3005A	1,6020B	DHL
Thallium, Total	ND		mg/l	0.00050	0.00014	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/31/26 18:19	06/03/26 18:36	EPA 3005A	1,6020B	DHL

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-03
Client ID: CHA-1
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Water

Date Collected: 05/18/26 09:00
Date Received: 05/18/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0547		mg/l	0.0100	0.00327	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Arsenic, Total	0.00033	J	mg/l	0.00050	0.00016	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Barium, Total	0.1450		mg/l	0.00050	0.00017	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Calcium, Total	190.		mg/l	0.100	0.0394	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Chromium, Total	0.00117		mg/l	0.00100	0.00017	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Cobalt, Total	0.00156		mg/l	0.00050	0.00016	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Copper, Total	0.00086	J	mg/l	0.00100	0.00038	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Iron, Total	0.147		mg/l	0.0500	0.0191	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Magnesium, Total	35.7		mg/l	0.0700	0.0242	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Manganese, Total	0.2552		mg/l	0.00100	0.00044	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/01/26 22:50	06/02/26 09:01	EPA 7470A	1,7470A	RJG
Nickel, Total	0.00287		mg/l	0.00200	0.00055	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Potassium, Total	16.3		mg/l	0.100	0.0309	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Sodium, Total	448.		mg/l	5.00	0.293	10	05/31/26 18:19	06/03/26 19:31	EPA 3005A	1,6020B	DHL
Thallium, Total	ND		mg/l	0.00050	0.00014	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/31/26 18:19	06/03/26 18:40	EPA 3005A	1,6020B	DHL

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-05
Client ID: FIELD BLANK
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Water

Date Collected: 05/18/26 11:10
Date Received: 05/18/26
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.00733	J	mg/l	0.0100	0.00327	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Barium, Total	0.00022	J	mg/l	0.00050	0.00017	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Calcium, Total	0.128		mg/l	0.100	0.0394	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Copper, Total	0.00500		mg/l	0.00100	0.00038	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Iron, Total	ND		mg/l	0.0500	0.0191	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Lead, Total	ND		mg/l	0.00100	0.00034	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Manganese, Total	ND		mg/l	0.00100	0.00044	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/01/26 22:50	06/02/26 09:04	EPA 7470A	1,7470A	RJG
Nickel, Total	ND		mg/l	0.00200	0.00055	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Sodium, Total	0.200	J	mg/l	0.500	0.0293	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Thallium, Total	ND		mg/l	0.00050	0.00014	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL
Zinc, Total	ND		mg/l	0.01000	0.00341	1	05/31/26 18:19	06/03/26 18:54	EPA 3005A	1,6020B	DHL

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-06
Client ID: EQUIPMENT BLANK
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 15:30
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0236		mg/l	0.0100	0.00327	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Arsenic, Total	0.00018	J	mg/l	0.00050	0.00016	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Barium, Total	0.00328		mg/l	0.00050	0.00017	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Calcium, Total	0.305		mg/l	0.100	0.0394	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Chromium, Total	0.01125		mg/l	0.00100	0.00017	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Cobalt, Total	0.00018	J	mg/l	0.00050	0.00016	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Copper, Total	0.00303		mg/l	0.00100	0.00038	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Iron, Total	0.855		mg/l	0.0500	0.0191	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Lead, Total	0.00047	J	mg/l	0.00100	0.00034	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Magnesium, Total	0.104		mg/l	0.0700	0.0242	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Manganese, Total	0.00849		mg/l	0.00100	0.00044	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/01/26 22:50	06/02/26 09:08	EPA 7470A	1,7470A	RJG
Nickel, Total	0.00661		mg/l	0.00200	0.00055	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Potassium, Total	ND		mg/l	0.100	0.0309	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Selenium, Total	ND		mg/l	0.00500	0.00173	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Silver, Total	ND		mg/l	0.00040	0.00016	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Sodium, Total	0.473	J	mg/l	0.500	0.0293	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Thallium, Total	ND		mg/l	0.00050	0.00014	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL
Zinc, Total	0.00421	J	mg/l	0.01000	0.00341	1	05/31/26 18:19	06/03/26 18:58	EPA 3005A	1,6020B	DHL

Project Name: SYR GATEWAY
Lab Number: L2630380
Project Number: 086328
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-07
Client ID: SOIL-WC
Sample Location: SYRACUSE, NY
Date Collected: 05/18/26 16:00
Date Received: 05/18/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 84%
TCLP/SPLP Ext. Date: 05/25/26 03:30

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	05/26/26 08:06	05/26/26 11:56	EPA 3015	1,6010D	ZPC
Barium, TCLP	0.648		mg/l	0.500	0.0210	1	05/26/26 08:06	05/26/26 11:56	EPA 3015	1,6010D	ZPC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/26/26 08:06	05/26/26 11:56	EPA 3015	1,6010D	ZPC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/26/26 08:06	05/26/26 11:56	EPA 3015	1,6010D	ZPC
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/26/26 08:06	05/26/26 11:56	EPA 3015	1,6010D	ZPC
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/26/26 08:15	05/26/26 11:15	EPA 7470A	1,7470A	RJG
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/26/26 08:06	05/26/26 11:56	EPA 3015	1,6010D	ZPC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/26/26 08:06	05/26/26 11:56	EPA 3015	1,6010D	ZPC

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 07 Batch: WG2218451-1										
Arsenic, TCLP	0.0208	J	mg/l	1.00	0.0190	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Barium, TCLP	ND		mg/l	0.500	0.0210	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Lead, TCLP	ND		mg/l	0.500	0.0270	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC
Silver, TCLP	ND		mg/l	0.100	0.0280	1	05/26/26 08:06	05/26/26 09:55	1,6010D	ZPC

Prep Information

Digestion Method: EPA 3015
TCLP/SPLP Extraction Date: 05/23/26 19:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 07 Batch: WG2218452-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	05/26/26 08:15	05/26/26 10:45	1,7470A	RJG

Prep Information

Digestion Method: EPA 7470A
TCLP/SPLP Extraction Date: 05/23/26 19:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03,05-06 Batch: WG2221239-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Antimony, Total	ND		mg/l	0.00400	0.00042	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Barium, Total	ND		mg/l	0.00050	0.00017	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Calcium, Total	ND		mg/l	0.100	0.0394	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Chromium, Total	ND		mg/l	0.00100	0.00017	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

Method Blank Analysis
Batch Quality Control

Copper, Total	ND	mg/l	0.00100	0.00038	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Iron, Total	ND	mg/l	0.0500	0.0191	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Lead, Total	ND	mg/l	0.00100	0.00034	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Magnesium, Total	ND	mg/l	0.0700	0.0242	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Manganese, Total	ND	mg/l	0.00100	0.00044	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Nickel, Total	ND	mg/l	0.00200	0.00055	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Potassium, Total	ND	mg/l	0.100	0.0309	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Selenium, Total	ND	mg/l	0.00500	0.00173	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Silver, Total	ND	mg/l	0.00040	0.00016	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Sodium, Total	ND	mg/l	0.500	0.0293	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Thallium, Total	ND	mg/l	0.00050	0.00014	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Vanadium, Total	ND	mg/l	0.00500	0.00157	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL
Zinc, Total	ND	mg/l	0.01000	0.00341	1	05/31/26 18:19	06/01/26 12:51	1,6020B	DHL

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03,05-06 Batch: WG2221811-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/01/26 22:50	06/02/26 08:18	1,7470A	RJG

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab	Associated sample(s): 07		Batch: WG2218451-2					
Arsenic, TCLP	95		-		75-125	-		20
Barium, TCLP	94		-		75-125	-		20
Cadmium, TCLP	91		-		75-125	-		20
Chromium, TCLP	92		-		75-125	-		20
Lead, TCLP	98		-		75-125	-		20
Selenium, TCLP	95		-		75-125	-		20
Silver, TCLP	88		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab	Associated sample(s): 07		Batch: WG2218452-2					
Mercury, TCLP	106		-		80-120	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG2221239-2					
Aluminum, Total	93	-	80-120	-	
Antimony, Total	97	-	80-120	-	
Arsenic, Total	99	-	80-120	-	
Barium, Total	98	-	80-120	-	
Beryllium, Total	90	-	80-120	-	
Cadmium, Total	101	-	80-120	-	
Calcium, Total	106	-	80-120	-	
Chromium, Total	99	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	104	-	80-120	-	
Iron, Total	103	-	80-120	-	
Lead, Total	102	-	80-120	-	
Magnesium, Total	98	-	80-120	-	
Manganese, Total	104	-	80-120	-	
Nickel, Total	99	-	80-120	-	
Potassium, Total	103	-	80-120	-	
Selenium, Total	108	-	80-120	-	
Silver, Total	96	-	80-120	-	
Sodium, Total	98	-	80-120	-	
Thallium, Total	100	-	80-120	-	
Vanadium, Total	100	-	80-120	-	

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG2221239-2					
Zinc, Total	101	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-06 Batch: WG2221811-2					
Mercury, Total	92	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 07 QC Batch ID: WG2218451-3 QC Sample: L2629282-01 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.10	92		-	-		75-125	-		
Barium, TCLP	0.274J	20	17.2	86		-	-		75-125	-		
Cadmium, TCLP	ND	0.53	0.443	84		-	-		75-125	-		
Chromium, TCLP	ND	2	1.69	84		-	-		75-125	-		
Lead, TCLP	ND	5.3	4.67	88		-	-		75-125	-		
Selenium, TCLP	ND	1.2	1.10	92		-	-		75-125	-		
Silver, TCLP	ND	0.5	0.407	81		-	-		75-125	-		
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 07 QC Batch ID: WG2218452-3 QC Sample: L2629282-01 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0261	104		-	-		75-125	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2221239-3 WG2221239-4 QC Sample: L2629677-03 Client ID: MS Sample												
Aluminum, Total	0.049	2	1.86	90		1.95	95		75-125	5		20
Antimony, Total	ND	0.5	0.4899	98		0.5086	102		75-125	4		20
Arsenic, Total	0.0007	0.12	0.1218	101		0.1318	109		75-125	8		20
Barium, Total	0.0232	2	1.944	96		1.980	98		75-125	2		20
Beryllium, Total	ND	0.05	0.04445	89		0.04441	89		75-125	0		20
Cadmium, Total	ND	0.053	0.04973	94		0.05272	99		75-125	6		20
Calcium, Total	46.9	10	56.4	95		60.2	**133**	Q	75-125	7		20
Chromium, Total	ND	0.2	0.1896	95		0.1966	98		75-125	4		20
Cobalt, Total	ND	0.5	0.4989	100		0.5200	104		75-125	4		20
Copper, Total	0.0009J	0.25	0.2492	100		0.2476	99		75-125	1		20
Iron, Total	0.104	1	1.09	99		1.11	101		75-125	2		20
Lead, Total	ND	0.53	0.5204	98		0.5403	102		75-125	4		20
Magnesium, Total	2.76	10	11.4	86		12.6	98		75-125	10		20
Manganese, Total	1.538	0.5	2.042	101		2.170	**126**	Q	75-125	6		20
Nickel, Total	0.0026	0.5	0.4994	99		0.5227	104		75-125	5		20
Potassium, Total	3.32	10	13.0	97		13.9	106		75-125	7		20
Selenium, Total	ND	0.12	0.126	105		0.135	112		75-125	7		20
Silver, Total	ND	0.05	0.04725	94		0.04947	99		75-125	5		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2221239-3 WG2221239-4 QC Sample: L2629677-03 Client ID: MS Sample												
Sodium, Total	21.8	10	29.7	79		32.8	110		75-125	10		20
Thallium, Total	ND	0.12	0.1214	101		0.1251	104		75-125	3		20
Vanadium, Total	ND	0.5	0.4923	98		0.5048	101		75-125	3		20
Zinc, Total	ND	0.5	0.5033	101		0.5062	101		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2221239-7 WG2221239-8 QC Sample: L2630380-01 Client ID: MW-105												
Aluminum, Total	0.0179	2	2.02	100		2.04	101		75-125	1		20
Antimony, Total	ND	0.5	0.4884	98		0.4947	99		75-125	1		20
Arsenic, Total	ND	0.12	0.1235	103		0.1221	102		75-125	1		20
Barium, Total	0.1458	2	2.071	96		2.079	97		75-125	0		20
Beryllium, Total	ND	0.05	0.04216	84		0.04293	86		75-125	2		20
Cadmium, Total	ND	0.053	0.05096	96		0.05067	96		75-125	1		20
Calcium, Total	201.	10	212	110		206	**50**	Q	75-125	3		20
Chromium, Total	0.00031J	0.2	0.2007	100		0.2037	102		75-125	1		20
Cobalt, Total	0.00046J	0.5	0.5044	101		0.5187	104		75-125	3		20
Copper, Total	0.00165	0.25	0.2474	98		0.2495	99		75-125	1		20
Iron, Total	0.0398J	1	1.06	106		1.10	110		75-125	4		20
Lead, Total	ND	0.53	0.5563	105		0.5494	104		75-125	1		20
Magnesium, Total	40.0	10	46.5	**65**	Q	47.1	**71**	Q	75-125	1		20
Manganese, Total	0.1190	0.5	0.6304	102		0.6281	102		75-125	0		20
Nickel, Total	0.00093J	0.5	0.4864	97		0.5004	100		75-125	3		20
Potassium, Total	29.4	10	39.0	96		38.2	88		75-125	2		20
Selenium, Total	0.00375J	0.12	0.116	97		0.116	97		75-125	0		20
Silver, Total	ND	0.05	0.04716	94		0.04797	96		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

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): 01-03,05-06 QC Batch ID: WG2221239-7 WG2221239-8 QC Sample: L2630380-01 Client ID: MW-105												
Sodium, Total	692.	10	735	**430**	Q	675	**0**	Q	75-125	9		20
Thallium, Total	ND	0.12	0.1267	106		0.1252	104		75-125	1		20
Vanadium, Total	ND	0.5	0.5294	106		0.5326	106		75-125	1		20
Zinc, Total	ND	0.5	0.4654	93		0.4788	96		75-125	3		20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG2221811-3 WG2221811-4 QC Sample: L2630380-01 Client ID: MW-105												
Mercury, Total	ND	0.005	0.00491	98		0.00511	102		75-125	4		20
Total Metals - Mansfield Lab Associated sample(s): 01-03,05-06 QC Batch ID: WG2221811-5 WG2221811-6 QC Sample: L2632440-01 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00509	102		0.00493	99		75-125	3		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 07 QC Batch ID: WG2218451-4 QC Sample: L2629282-01 Client ID: DUP Sample						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.274J	0.253J	mg/l	NC		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 07 QC Batch ID: WG2218452-4 QC Sample: L2629282-01 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-07
Client ID: SOIL-WC
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/18/26 16:00
Date Received: 05/18/26
Field Prep: Not Specified

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Damp Sand
Particle Size:	Medium
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	05/27/26 13:59	1,1030	DKB

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

SAMPLE RESULTS

Lab ID: L2630380-07
Client ID: SOIL-WC
Sample Location: SYRACUSE, NY

Date Collected: 05/18/26 16:00
Date Received: 05/18/26
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	84.0		%	0.100	NA	1	-	05/23/26 11:25	121,2540G	ROI
pH (H)	8.39		SU	-	NA	1	-	05/27/26 19:17	1,9045D	AAS
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/30/26 03:05	05/30/26 04:24	125,7.3	DYQ
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/30/26 03:05	05/30/26 04:04	125,7.3	DYQ

Project Name: SYR GATEWAY
Project Number: 086328
Lab Number: L2630380
Report Date: 06/11/26

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): 07 Batch: WG2220911-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	05/30/26 03:05	05/30/26 04:01	125,7.3	DYQ
General Chemistry - Westborough Lab for sample(s): 07 Batch: WG2220912-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	05/30/26 03:05	05/30/26 04:22	125,7.3	DYQ

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 07 Batch: WG2219549-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 07 Batch: WG2220911-2								
Sulfide, Reactive	93		-		60-125	-		
General Chemistry - Westborough Lab Associated sample(s): 07 Batch: WG2220912-2								
Cyanide, Reactive	62		-		30-125	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 07 QC Batch ID: WG2217846-1 QC Sample: L2631647-01 Client ID: DUP Sample						
Solids, Total	91.1	91.7	%	1		10
General Chemistry - Westborough Lab Associated sample(s): 07 QC Batch ID: WG2219549-2 QC Sample: L2630576-01 Client ID: DUP Sample						
pH	9.95	10.0	SU	1		5
General Chemistry - Westborough Lab Associated sample(s): 07 QC Batch ID: WG2220911-3 QC Sample: L2632084-12 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 07 QC Batch ID: WG2220912-3 QC Sample: L2632084-12 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2630380-01A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-01A1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-01A2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-01B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-01B1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-01B2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-01C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-01C1	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-01C2	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-01D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-01D1	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-01D2	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-01E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-01E1	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-01E2	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-01F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-01F1	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-01F2	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2630380-01G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-01G1	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-01G2	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-01H	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-01H1	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-01H2	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-01I	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-01I1	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-01I2	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-01J	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-01J1	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-01J2	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-01K	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-01K1	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-01K2	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-01L	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2630380-01L1	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)

*Values in parentheses indicate holding time in days

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2630380-01L2	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),TL-6020T(180),FE-6020T(180),SE-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2630380-02A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-02B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-02C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-02D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-02E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-02F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-02G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-02H	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-02I	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-02J	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-02K	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-02L	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),MG-6020T(180),CO-6020T(180)
L2630380-03A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-03B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-03C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name: SYR GATEWAY
Project Number: 086328

Lab Number: L2630380
Report Date: 06/11/26

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2630380-03D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-03E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-03F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-03G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-03H	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-03I	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-03J	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-03K	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-03L	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2630380-04A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-04B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-05A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-05B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-05C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-05D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-05E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-05F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-05G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-05H	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-05I	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-05J	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2630380-05K	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-05L	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),FE-6020T(180),SE-6020T(180),TL-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),MG-6020T(180),AL-6020T(180),CD-6020T(180),AG-6020T(180),CO-6020T(180)
L2630380-06A	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-06B	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-06C	Vial HCl preserved	NA	NA			Y	Absent		NYTCL-8260-R2(14)
L2630380-06D	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-06E	Amber 100ml unpreserved	NA	NA			Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2630380-06F	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-06G	Amber 250ml unpreserved	NA	NA			Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2630380-06H	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-06I	Amber 250ml unpreserved	NA	NA			Y	Absent		NYTCL-8082-RVT(365)
L2630380-06J	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-06K	Plastic 250ml unpreserved	NA	NA			Y	Absent		A2-NY-1633(28)
L2630380-06L	Plastic 250ml HNO3 preserved	NA	<2	<2		Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),V-6020T(180),AS-6020T(180),SB-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),CO-6020T(180)
L2630380-07A	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2630380-07B	Vial Large Septa unpreserved (4oz)	NA	NA			Y	Absent		TCLP-EXT-ZHE(14)

*Values in parentheses indicate holding time in days

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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2630380-07C	Glass 500ml/16oz unpreserved	NA	NA			Y	Absent		IGNIT-1030(14),REACTS(14),PH-9045(1),NYTCL-8082(365),REACTCN(14)
L2630380-07W	Amber 1L unpreserved Extracts	NA	NA			Y	Absent		PEST-TCLP-RVT(14),HERB-TCLP*(14),TCLP-8270-RVT(14)
L2630380-07X	Plastic 120ml HNO3 preserved Extracts	NA	NA			Y	Absent		CD-CI(180),BA-CI(180),AS-CI(180),HG-C(28),PB-CI(180),SE-CI(180),CR-CI(180),AG-CI(180)
L2630380-07X9	Tumble Vessel	NA	NA			Y	Absent		-
L2630380-07Y	Vial unpreserved Extracts	NA	NA			Y	Absent		TCLP-VOA(14)
L2630380-07Z	Vial unpreserved Extracts	NA	NA			Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

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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/PFTeDA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS/PFDoS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
Perfluoropropanesulfonic Acid	PFPrS	423-41-6
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA/PFOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
FLUOROTELOMER CARBOXYLIC ACIDS (FTCAs)		
3-Perfluoroheptyl Propanoic Acid	7:3FTCA	812-70-4
2H,2H,3H,3H-Perfluorooctanoic Acid	5:3FTCA	914637-49-3
3-Perfluoropropyl Propanoic Acid	3:3FTCA	356-02-5

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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.

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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.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

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estimated.

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

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

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

168 Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS. EPA Method 1633A, EPA 820-R-24-007, December 2024. For Massachusetts Contingency Plan, WSC-CAM-XA, September 2025.

LIMITATION OF LIABILITIES

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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.

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

Certification Information

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
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.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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 504.1: EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,**.

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, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water
EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water
SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile 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 Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NV MA00030, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page 1 of 2

Date Rec'd in Lab: 5/19/26

L2630380

Client Information

Client: CHA Consulting
Address: 300 South State St.
Syracuse, NY
Phone: 315-257-7154
Fax:
Email: smiller@chasolutions.com

Project Information

Project Name: SYR Gateway
Project Location: Syracuse, NY
Project #: 086328
(Use Project name as Project #)
Project Manager: M. Deyo
ALPHAQuote #: 00210297

Turn-Around Time

Standard [X] Due Date:
Rush (only if pre approved) [ ] # of Days:

Deliverables

[ ] ASP-A [X] ASP-B
[ ] EQuIS (1 File) [X] EQuIS (4 File)
[ ] Other

Regulatory Requirement

[X] 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 # forth coming

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	TCL VOCs + TICs 8260	TCL SVOCs + TICs 8270	TAL Metals 6010/7471	Total PCBs - 8082	1,4-Dioxane - 8270E-SIM	PFAS - 1633			Total Bottle
30380-01	MW-105	5-18-26	1420	water	AH	X	X	X	X	X	X			12
-02	MW-106		1230			X	X	X	X	X	X			12
-03	CHA-1		0900			X	X	X	X	X	X			12
-01 ~~-04~~	MS		1420			X	X	X	X	X	X			12
-01	MSD		1420			X	X	X	X	X	X			12
-04	Trip Blank	—	—	Lab water		X								2
-05	Field Blank	5-18-26	1110			X	X	X	X	X	X			12
-06	Equipment Blank		1530			X	X	X	X	X	X			12

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

Sample Specific Comments
MS/MSD collected here

Container Type	V	A	P	A	A	P		
Preservative	B	A	C	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
Andrew Hodgson	5-18-26 1715		5-18-26 1915
	5-18-26		5/18 2200
	5/19 200	0511	9126-1270

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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

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

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

Page: 2 of 2

Date Rec'd in Lab: 5/19/26

ALPHA Job #: L2630350

Client Information
Client: CHA Consulting
Address: 300 South State St.
Syracuse, NY
Phone: 315-257-7154
Fax:
Email: Smiller@chasolutions.com

Project Information
Project Name: SYRGateway
Project Location: Syracuse, NY
Project #: 0963238
(Use Project name as Project #) ☐
Project Manager: M. Deyo
ALPHAQuote #: 00210297

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 Files)
☐ 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 # forthcoming

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

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	Total Solids	TCLP-VOA TCL+ EXT-2HE	Reactivity PH TCLP Metals Hold-Total NYTCL-8082	Reactivity-TCLP-INT Reaction IGNIT-1030	TCLP NEN				Sample Specific Comments	Total Bottle
30380-07	Soil-WC	5-18-26	1600	Soil	AH	X	X	X	X	X					3
Container Type						P	A	A	A	A					
Preservative						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
	5-18-26 1715		5-18-26 1915
	5-18-26		5/18 2200
	5/19 200		05119126-0200

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)

Sample Delivery Group Summary

Pace Job Number : L2630380

Account Name : CHA Companies
Project Number : 086328
Project Name : SYR GATEWAY

Received : 18-MAY-2026
Reviewer : Craig Sloma-Green

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.7	
B	Absent/	Ice	4.5	
C	Absent/	Ice	3.9	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

APPENDIX H

RI Addendum Soil Vapor Analytical Report

ANALYTICAL REPORT

Lab Number:	L2630210
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	SYR GATEWAY APTS
Project Number:	086328
Report Date:	06/01/26

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

120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com

Project Name: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2630210-01	SV-101	SOIL_VAPOR	SYRACUSE, NY	05/15/26 10:13	05/15/26
L2630210-02	SV-102	SOIL_VAPOR	SYRACUSE, NY	05/15/26 10:21	05/15/26

Project Name:	SYR GATEWAY APTS	**Lab Number:**	L2630210
Project Number:	086328	**Report Date:**	06/01/26

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 Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace'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 Pace Project Manager and made arrangements for Pace 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: SYR GATEWAY APTS
Project Number: 086328
Lab Number: L2630210
Report Date: 06/01/26

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 11, 2026. The canister certification data is provided as an addendum.

The WG2220862-3 LCS recovery associated with L2630210-01 and -02 is outside the acceptance limit for cis-1,3-dichloropropene (134%) and trans-1,3-dichloropropene (140%). All samples associated with this LCS would be considered biased for these analytes.

The WG2220862-2 CC recovery associated with L2630210-01 and -02 is above the upper 130% acceptance limit for 1,2,4-trichlorobenzene. All samples associated with this CC do not have reportable amounts of this analyte.

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: Jennifer Jerome

Title: Technical Director/Representative Date: 06/01/26

QC OUTLIER SUMMARY REPORT

Project Name: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Volatile Organics in Air - Mansfield Air Lab								
TO-15	Batch QC	WG2220862-3	cis-1,3-Dichloropropene	LCS	134	70-130	01-02	potential high bias
TO-15	Batch QC	WG2220862-3	trans-1,3-Dichloropropene	LCS	140	70-130	01-02	potential high bias

AIR

Project Name: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

SAMPLE RESULTS

Lab ID: L2630210-01
Client ID: SV-101
Sample Location: SYRACUSE, NY

Date Collected: 05/15/26 10:13
Date Received: 05/15/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/30/26 08:17
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	2.24	0.200	--	11.1	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	4.26	1.00	--	10.1	2.38	--		1
Trichlorofluoromethane	0.236	0.200	--	1.33	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		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	0.313	0.200	--	0.975	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	0.304	0.200	--	1.23	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: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

SAMPLE RESULTS

Lab ID: L2630210-01
Client ID: SV-101
Sample Location: SYRACUSE, NY

Date Collected: 05/15/26 10:13
Date Received: 05/15/26
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 Air 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	3.68	0.200	--	20.1	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	58.0	0.200	--	312	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	0.226	0.200	--	0.852	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	0.592	0.200	--	4.01	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

SAMPLE RESULTS

Lab ID: L2630210-01
Client ID: SV-101
Sample Location: SYRACUSE, NY

Date Collected: 05/15/26 10:13
Date Received: 05/15/26
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 Air Lab								
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
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

SAMPLE RESULTS

Lab ID: L2630210-02
Client ID: SV-102
Sample Location: SYRACUSE, NY

Date Collected: 05/15/26 10:21
Date Received: 05/15/26
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 05/30/26 08:59
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	1.20	0.200	--	5.93	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	0.432	0.200	--	0.956	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	7.27	1.00	--	17.3	2.38	--		1
Trichlorofluoromethane	0.237	0.200	--	1.33	1.12	--		1
Isopropanol	1.60	1.00	--	3.93	2.46	--		1
1,1-Dichloroethene	13.7	0.200	--	54.3	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	0.970	0.200	--	3.02	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	1.68	0.200	--	6.66	0.793	--		1
1,1-Dichloroethane	20.2	0.200	--	81.8	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.732	0.500	--	2.16	1.47	--		1
cis-1,2-Dichloroethene	4.98	0.200	--	19.7	0.793	--		1

Project Name: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

SAMPLE RESULTS

Lab ID: L2630210-02
Client ID: SV-102
Sample Location: SYRACUSE, NY

Date Collected: 05/15/26 10:21
Date Received: 05/15/26
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 Air Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.636	0.200	--	3.11	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.769	0.200	--	2.71	0.705	--		1
1,1,1-Trichloroethane	18.8	0.200	--	103	1.09	--		1
Benzene	0.392	0.200	--	1.25	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	59.4	0.200	--	319	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.848	0.200	--	3.48	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	0.371	0.200	--	1.40	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: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

SAMPLE RESULTS

Lab ID: L2630210-02
Client ID: SV-102
Sample Location: SYRACUSE, NY

Date Collected: 05/15/26 10:21
Date Received: 05/15/26
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 Air Lab								
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
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: SYR GATEWAY APTS
Project Number: 086328
Lab Number: L2630210
Report Date: 06/01/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/29/26 20:51

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-02 Batch: WG2220862-4								
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	1.00	--	ND	2.46	--		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
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: SYR GATEWAY APTS
Project Number: 086328
Lab Number: L2630210
Report Date: 06/01/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/29/26 20:51

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-02 Batch: WG2220862-4								
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
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: SYR GATEWAY APTS
Project Number: 086328
Lab Number: L2630210
Report Date: 06/01/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 05/29/26 20:51

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-02 Batch: WG2220862-4								
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
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2220862-3								
Dichlorodifluoromethane	114		-		70-130	-		
Chloromethane	105		-		70-130	-		
Freon-114	115		-		70-130	-		
Vinyl chloride	110		-		70-130	-		
1,3-Butadiene	112		-		70-130	-		
Bromomethane	121		-		70-130	-		
Chloroethane	102		-		70-130	-		
Ethanol	84		-		40-160	-		
Vinyl bromide	93		-		70-130	-		
Acetone	102		-		40-160	-		
Trichlorofluoromethane	118		-		70-130	-		
Isopropanol	93		-		40-160	-		
1,1-Dichloroethene	117		-		70-130	-		
Tertiary butyl Alcohol	94		-		70-130	-		
Methylene chloride	107		-		70-130	-		
3-Chloropropene	117		-		70-130	-		
Carbon disulfide	106		-		70-130	-		
Freon-113	111		-		70-130	-		
trans-1,2-Dichloroethene	110		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 01-02		Batch: WG2220862-3					
1,1-Dichloroethane	107		-		70-130	-		
Methyl tert butyl ether	116		-		70-130	-		
2-Butanone	104		-		70-130	-		
cis-1,2-Dichloroethene	112		-		70-130	-		
Ethyl Acetate	107		-		70-130	-		
Chloroform	113		-		70-130	-		
Tetrahydrofuran	119		-		70-130	-		
1,2-Dichloroethane	119		-		70-130	-		
n-Hexane	111		-		70-130	-		
1,1,1-Trichloroethane	116		-		70-130	-		
Benzene	106		-		70-130	-		
Carbon tetrachloride	120		-		70-130	-		
Cyclohexane	111		-		70-130	-		
1,2-Dichloropropane	107		-		70-130	-		
Bromodichloromethane	114		-		70-130	-		
1,4-Dioxane	105		-		70-130	-		
Trichloroethene	108		-		70-130	-		
2,2,4-Trimethylpentane	115		-		70-130	-		
Heptane	117		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 01-02		Batch: WG2220862-3					
cis-1,3-Dichloropropene	**134**	Q	-		70-130	-		
4-Methyl-2-pentanone	116		-		70-130	-		
trans-1,3-Dichloropropene	**140**	Q	-		70-130	-		
1,1,2-Trichloroethane	107		-		70-130	-		
Toluene	98		-		70-130	-		
2-Hexanone	102		-		70-130	-		
Dibromochloromethane	104		-		70-130	-		
1,2-Dibromoethane	106		-		70-130	-		
Tetrachloroethene	100		-		70-130	-		
Chlorobenzene	98		-		70-130	-		
Ethylbenzene	103		-		70-130	-		
p/m-Xylene	107		-		70-130	-		
Bromoform	100		-		70-130	-		
Styrene	109		-		70-130	-		
1,1,2,2-Tetrachloroethane	99		-		70-130	-		
o-Xylene	108		-		70-130	-		
4-Ethyltoluene	109		-		70-130	-		
1,3,5-Trimethylbenzene	115		-		70-130	-		
1,2,4-Trimethylbenzene	118		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 01-02		Batch: WG2220862-3					
Benzyl chloride	93		-		70-130	-		
1,3-Dichlorobenzene	104		-		70-130	-		
1,4-Dichlorobenzene	103		-		70-130	-		
1,2-Dichlorobenzene	103		-		70-130	-		
1,2,4-Trichlorobenzene	109		-		70-130	-		
Naphthalene	97		-		70-130	-		
Hexachlorobutadiene	115		-		70-130	-		

Project Name: SYR GATEWAY APTS

Lab Number: L2630210

Project Number: 086328

Report Date: 06/01/26

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	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2630210-01	SV-101	02909	Flow 4	05/11/26	567279		-	-	-	Pass	18.1	17.6	3
L2630210-01	SV-101	2693	2.7L Can	05/11/26	567279	L2627604-04	Pass	-29.1	-4.2	-	-	-	-
L2630210-02	SV-102	03265	Flow 4	05/11/26	567279		-	-	-	Pass	18.1	18.1	0
L2630210-02	SV-102	553	2.7L Can	05/11/26	567279	L2627604-04	Pass	-29.1	-4.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2627604
Report Date: 06/01/26

Air Canister Certification Results

Lab ID: L2627604-04
Client ID: CAN 3206 SHELF 15
Sample Location:

Date Collected: 05/07/26 15:00
Date Received: 05/07/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/08/26 02:41
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air 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	1.00	--	ND	2.46	--		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: L2627604
Report Date: 06/01/26

Air Canister Certification Results

Lab ID: L2627604-04
Client ID: CAN 3206 SHELF 15
Sample Location:

Date Collected: 05/07/26 15:00
Date Received: 05/07/26
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 Air 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
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		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: L2627604
Report Date: 06/01/26

Air Canister Certification Results

Lab ID: L2627604-04
Client ID: CAN 3206 SHELF 15
Sample Location:

Date Collected: 05/07/26 15:00
Date Received: 05/07/26
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 Air 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: L2627604
Report Date: 06/01/26

Air Canister Certification Results

Lab ID: L2627604-04
Client ID: CAN 3206 SHELF 15
Sample Location:

Date Collected: 05/07/26 15:00
Date Received: 05/07/26
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 Air 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
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2627604
Report Date: 06/01/26

Air Canister Certification Results

Lab ID: L2627604-04
Client ID: CAN 3206 SHELF 15
Sample Location:

Date Collected: 05/07/26 15:00
Date Received: 05/07/26
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 Air Lab								
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
No Tentatively Identified Compounds					

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	114		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	109		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2627604

Project Number: CANISTER QC BAT **Report Date:** 06/01/26

Air Canister Certification Results

Lab ID: L2627604-04
Client ID: CAN 3206 SHELF 15
Sample Location:

Date Collected: 05/07/26 15:00
Date Received: 05/07/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/08/26 02:41
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air 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
Acrolein	ND	0.050	--	ND	0.115	--		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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2627604
Report Date: 06/01/26

Air Canister Certification Results

Lab ID: L2627604-04
Client ID: CAN 3206 SHELF 15
Sample Location:

Date Collected: 05/07/26 15:00
Date Received: 05/07/26
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 Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
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	0.100	--	ND	0.377	--		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	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2627604
Report Date: 06/01/26

Air Canister Certification Results

Lab ID: L2627604-04
Client ID: CAN 3206 SHELF 15
Sample Location:

Date Collected: 05/07/26 15:00
Date Received: 05/07/26
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 Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
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	102		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	103		60-140

Project Name: SYR GATEWAY APTS
Project Number: 086328

Lab Number: L2630210
Report Date: 06/01/26

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2630210-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2630210-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	SYR GATEWAY APTS	**Lab Number:**	L2630210
Project Number:	086328	**Report Date:**	06/01/26

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: Data Usability Report

Project Name:	SYR GATEWAY APTS	**Lab Number:**	L2630210
Project Number:	086328	**Report Date:**	06/01/26

Footnotes

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

Terms

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

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

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

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

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

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

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

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

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

Report Format: Data Usability Report

Project Name:	SYR GATEWAY APTS	**Lab Number:**	L2630210
Project Number:	086328	**Report Date:**	06/01/26

Data Qualifiers

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.
V	- The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
Z	- The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SYR GATEWAY APTS
Project Number: 086328
Lab Number: L2630210
Report Date: 06/01/26

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

Pace Analytical Services 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 Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services 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 Pace Analytical Services.

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.

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

Certification Information

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
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.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028
EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.
EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.
EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.
EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran. 1,3,5-Trichlorobenzene, Freon-113.
EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.
EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.
EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.
SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH3, NECi: NO2, NO3, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

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 504.1: EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,**.

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, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water
EPA 300.0: NO3, NO2, Fl, Cl, SO4. **NECI Reductase**: NO3, NO2.
SM4500F-C, SM4500Cl-B, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.
EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water
SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500Cl-B, SM4500NH3-B, C, EPA 350.1, NECi: NO3, **SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500Cl-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO4, NO3.
EPA 624.1: Volatile Halocarbons, Volatile 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 Extractables and Base/Neutrals
Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NV MA00030, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028
CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

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

Serial_No:06012617:31

AIR ANALYSIS

PAGE 1 OF 1

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

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

Date Rec'd in Lab: 05/16/26

Pace® Job #: L2630210

Client Information

Client: CHA Consulting
Address: 300 South State St
Syracuse, NY 13202
Phone: 315-257-7154
Fax:
Email: Smiller@chasolutions.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: SYR Gateway Apts
Project Location: Syracuse, NY
Project #: 086328
Project Manager: M. Deyo
Pace® Quote #: 00210297

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 #: forthcoming

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm
	NYSDOH	

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

PACE 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	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15		Sample Comments (i.e. PID)
30210-01	SV-101	5-15-26	0810	1013	-29.84	-5.23	SV	AH	2.7L	2693	02909	X						
-02	SV-102	↓	0815	1021	-29.70	-5.02	SV	AH	2.7L	553	03265	X						

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: 2.7L Summas

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Andrew Hodges CHA	5-15-26 1120		5/15/26
	5/15/26 1700		5-15-26 1800
	5-15-26		5/15/26 2250

Form No: 101-02 Rev: (25-Sep-15)

UHSO 05/19/15

Sample Delivery Group Summary

Pace Job Number : L2630210

Account Name : CHA Companies
Project Number : 086328
Project Name : SYR GATEWAY APTS

Received : 15-MAY-2026
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

APPENDIX I

Data Usability Summary Reports

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

June 25, 2026

Mr. Andrew Hodgens
Scientist III
CHA
300 South State Street, Suite 600
Syracuse, New York 13202

Re: Data Validation Report
Gateway Syracuse Apartments
June-December 2025 Water and Soil Sampling Events

Dear Mr. Hodgens:

The data usability summary reports (DUSRs) and data validation reviews are attached to this letter for the Gateway Syracuse Apartments, June-December 2025 water and soil sampling events. The data were mostly acceptable for Pace Analytical Services, SDG number L2578222 and Eurofins Test America-Buffalo job no. 480-230533-1 with some issues that are identified and discussed in the validation summaries. There were data that were qualified rejected, unusable (R) in both data packs. The reason for qualifying the data is outlined in the DUSR and QA/QC review. The data is rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of common data validation acronyms is 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:dca
attachments

z:\projects\2026\26600-26620\26610-gateway syracuse apts\temp-review\corrections made\gateway syracuse apts-261.ltr.docx

480-230533-1

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for Eurofins TestAmerica-Buffalo and Sacramento
Job No: 480-230533-1

8 Soil Samples
Collected June 20, 2025

Prepared by: Donald Anné
June 25, 2026

The data package contains the documentation as required by NYSDEC ASP. The proper chain of custody procedures were followed by the samplers. All information appears legible and complete. The data pack contains the results of volatile, semi-volatile, PCBs, and TAL metals analyses for 8 soil samples.

The overall performances of the analyses are acceptable. Eurofins TestAmerica-Buffalo lab did fulfill the requirements of the analytical methods.

The data are acceptable with some issues that are identified in the accompanying data validation reviews. The following data were qualified:

- The positive volatile results for target compounds were qualified as "estimated, biased low" (J-) for soil samples because concentrations were below 200 ug/kg and the samples was not collected per 5035A-L specifications.

- The positive semi-volatile results for benzaldehyde were qualified as "estimated" (J) for samples TP-4, TP-5, and TP-6 because %D for benzaldehyde was above the allowable maximum in the associated continuing calibration verification sample.

- The positive metal results for beryllium, nickel, and zinc were qualified as estimated, biased low (J-) for all 8 soil samples because the percent recoveries for beryllium, nickel, and zinc were below QC limits, but not below 30% in the associated liner range check sample.

- The positive metal results for silver were qualified as estimated, biased low (J-) for samples TP-3, TP-4, TP-5, and TP-6 because the percent recoveries for silver were below QC limits and below 30% in the associated liner range check samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

- The “not detected” metal results for silver were qualified as rejected, unusable (R) for samples TP-1, TP-2, TP-7, and TP-8 because the percent recoveries for silver were below QC limits and below 30% in the associated liner range check sample.

All data that are not qualified rejected (R) 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.

Qualified Data Section

Client Sample ID: TP-1
Lab Sample ID: 480-230533-1

Date Collected: 06/20/25 08:00
Matrix: Solid
Date Received: 06/21/25 09:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		51	26	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1221	ND		51	31	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1232	ND		51	22	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1242	ND		51	19	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1248	ND		51	17	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1254	ND		51	22	ug/Kg		07/07/25 09:59	07/08/25 15:54	1
Aroclor-1260	ND		51	22	ug/Kg		07/07/25 09:59	07/08/25 15:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*60*		*10 - 149*	*07/07/25 09:59*	*07/08/25 15:54*	*1*
DCB Decachlorobiphenyl	*69*		*10 - 174*	*07/07/25 09:59*	*07/08/25 15:54*	*1*

Client Sample ID: TP-1
Lab Sample ID: 480-230533-1

Date Collected: 06/20/25 08:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 78.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.2	0.45	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,1,2,2-Tetrachloroethane	ND	vs	6.2	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,1,2-Trichloroethane	ND	vs	6.2	0.80	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.2	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,1-Dichloroethane	ND	vs	6.2	0.76	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,1-Dichloroethene	ND	vs	6.2	0.76	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2,4-Trichlorobenzene	ND	vs	6.2	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.2	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2-Dichlorobenzene	ND	vs	6.2	0.48	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2-Dichloroethane	ND	vs	6.2	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2-Dichloropropane	ND	vs	6.2	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,3-Dichlorobenzene	ND	vs	6.2	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,4-Dichlorobenzene	ND	vs	6.2	0.87	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
2-Butanone (MEK)	ND	vs	31	2.3	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Acetone	ND	vs	31	5.2	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Benzene	ND	vs	6.2	0.30	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Bromodichloromethane	ND	vs	6.2	0.83	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Bromoform	ND	vs	6.2	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Bromomethane	ND	vs	6.2	0.56	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Carbon disulfide	ND	vs	6.2	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Carbon tetrachloride	ND	vs	6.2	0.60	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Chlorobenzene	ND	vs	6.2	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Dibromochloromethane	ND	vs	6.2	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Chloroethane	ND	vs	6.2	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Chloroform	ND	vs	6.2	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Chloromethane	ND	vs	6.2	0.37	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
cis-1,2-Dichloroethene	ND	vs	6.2	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
cis-1,3-Dichloropropene	ND	vs	6.2	0.89	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Cyclohexane	ND	*+ vs	6.2	0.87	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Dichlorodifluoromethane	ND	vs	6.2	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1

Client Sample ID: TP-1
Date Collected: 06/20/25 08:00
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-1
Matrix: Solid
Percent Solids: 78.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND	vs	6.2	0.43	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
1,2-Dibromoethane	ND	vs	6.2	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Isopropylbenzene	ND	vs	6.2	0.93	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Methyl acetate	ND	vs	31	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Methyl tert-butyl ether	ND	vs	6.2	0.61	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Methylcyclohexane	ND	vs	6.2	0.94	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Methylene Chloride	ND	vs	6.2	2.8	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Styrene	ND	vs	6.2	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Tetrachloroethene	**1.7**	**J vs J-**	6.2	0.83	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Toluene	ND	vs	6.2	0.47	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
trans-1,2-Dichloroethene	ND	vs	6.2	0.64	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
trans-1,3-Dichloropropene	ND	vs	6.2	2.7	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Trichloroethene	ND	vs	6.2	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Trichlorofluoromethane	ND	vs	6.2	0.59	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Vinyl chloride	ND	vs	6.2	0.76	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*71 - 125*	*06/23/25 19:17*	*06/24/25 01:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*06/23/25 19:17*	*06/24/25 01:43*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*06/23/25 19:17*	*06/24/25 01:43*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*06/23/25 19:17*	*06/24/25 01:43*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
bis (2-chloroisopropyl) ether	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4,5-Trichlorophenol	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4,6-Trichlorophenol	ND		210	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4-Dichlorophenol	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4-Dimethylphenol	ND		210	44	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4-Dinitrophenol	ND		2000	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,4-Dinitrotoluene	ND		210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2,6-Dinitrotoluene	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Chloronaphthalene	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Chlorophenol	ND		210	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Methylphenol	ND		210	34	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Methylnaphthalene	ND		210	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Nitroaniline	ND		410	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
2-Nitrophenol	ND		210	24	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
3,3'-Dichlorobenzidine	ND		410	61	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
3-Nitroaniline	ND		410	29	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4,6-Dinitro-2-methylphenol	ND		410	46	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Bromophenyl phenyl ether	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Chloro-3-methylphenol	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Chloroaniline	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Chlorophenyl phenyl ether	ND		210	44	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Methylphenol	ND		410	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Nitroaniline	ND		410	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
4-Nitrophenol	ND		410	57	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1

Client Sample ID: TP-1
Date Collected: 06/20/25 08:00
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-1
Matrix: Solid
Percent Solids: 78.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Acenaphthylene	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Acetophenone	ND		210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Anthracene	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Atrazine	ND		210	70	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzaldehyde	ND		210	160	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzo[a]anthracene	**69**	**J**	210	29	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzo[a]pyrene	**72**	**J**	210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzo[b]fluoranthene	**96**	**J**	210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzo[g,h,i]perylene	**57**	**J**	210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Benzo[k]fluoranthene	**53**	**J**	210	47	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Bis(2-chloroethoxy)methane	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Bis(2-chloroethyl)ether	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Bis(2-ethylhexyl) phthalate	ND		210	45	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Butyl benzyl phthalate	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Caprolactam	ND		210	48	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Carbazole	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Chrysene	**86**	**J**	210	50	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Dibenz(a,h)anthracene	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Di-n-butyl phthalate	ND		210	47	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Di-n-octyl phthalate	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Dibenzofuran	ND		210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Diethyl phthalate	ND		210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Dimethyl phthalate	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Fluoranthene	**140**	**J**	210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Fluorene	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Hexachlorobenzene	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Hexachlorobutadiene	ND		210	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Hexachlorocyclopentadiene	ND		410	91	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Hexachloroethane	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Indeno[1,2,3-cd]pyrene	**49**	**J**	210	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Isophorone	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
N-Nitrosodi-n-propylamine	ND		210	47	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
N-Nitrosodiphenylamine	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Naphthalene	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Nitrobenzene	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Pentachlorophenol	ND		410	66	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Phenanthrene	**87**	**J**	210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Phenol	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1
Pyrene	**130**	**J**	210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*93*		*22 - 120*	*06/24/25 08:10*	*06/25/25 12:11*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*06/24/25 08:10*	*06/25/25 12:11*	*1*
p-Terphenyl-d14 (Surr)	*90*		*28 - 124*	*06/24/25 08:10*	*06/25/25 12:11*	*1*
2,4,6-Tribromophenol (Surr)	*84*		*10 - 140*	*06/24/25 08:10*	*06/25/25 12:11*	*1*
2-Fluorobiphenyl (Surr)	*92*		*29 - 120*	*06/24/25 08:10*	*06/25/25 12:11*	*1*
2-Fluorophenol (Surr)	*83*		*18 - 120*	*06/24/25 08:10*	*06/25/25 12:11*	*1*

Client Sample ID: TP-1
Lab Sample ID: 480-230533-1
Date Collected: 06/20/25 08:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 78.9

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	22400		13.3	11.5	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Antimony	1.2	J	19.9	0.70	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Arsenic	5.5		2.7	1.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Barium	100		0.66	0.19	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Beryllium	1.1	^5- J-	0.27	0.053	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Cadmium	0.35		0.27	0.093	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Calcium	8510		66.5	35.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Chromium	30.2		0.66	0.48	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Cobalt	13.3		0.66	0.13	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Copper	22.2		1.3	0.76	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Iron	28300		13.3	11.3	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Lead	54.6		1.3	0.61	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Magnesium	6610		26.6	11.3	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Manganese	191		1.3	0.37	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Nickel	28.2	^5- J-	6.6	0.33	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Potassium	4950		39.9	32.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Selenium	ND		5.3	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Silver	ND	^5- R	0.80	0.27	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Sodium	1390		186	81.5	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Thallium	ND		8.0	1.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Vanadium	40.7		0.66	0.17	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1
Zinc	108	^5- J-	2.7	1.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:24	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.17		0.024	0.0056	mg/Kg	☼	06/24/25 09:16	06/24/25 10:57	1

Client Sample ID: TP-2
Lab Sample ID: 480-230533-2
Date Collected: 06/20/25 08:45
Matrix: Solid
Date Received: 06/21/25 09:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		52	26	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1221	ND		52	31	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1232	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1242	ND		52	20	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1248	ND		52	18	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1254	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:10	1
Aroclor-1260	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*10 - 149*	*07/07/25 09:59*	*07/08/25 16:10*	*1*
DCB Decachlorobiphenyl	*95*		*10 - 174*	*07/07/25 09:59*	*07/08/25 16:10*	*1*

Client Sample ID: TP-2
Date Collected: 06/20/25 08:45
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-2
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	5.2	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,1,2,2-Tetrachloroethane	ND	vs	5.2	0.84	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,1,2-Trichloroethane	ND	vs	5.2	0.68	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	5.2	1.2	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,1-Dichloroethane	ND	vs	5.2	0.63	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,1-Dichloroethene	ND	vs	5.2	0.64	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2,4-Trichlorobenzene	ND	vs	5.2	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2-Dibromo-3-Chloropropane	ND	vs	5.2	2.6	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2-Dichlorobenzene	ND	vs	5.2	0.41	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2-Dichloroethane	ND	vs	5.2	0.26	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2-Dichloropropane	ND	vs	5.2	2.6	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,3-Dichlorobenzene	ND	vs	5.2	0.27	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,4-Dichlorobenzene	ND	vs	5.2	0.73	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
2-Butanone (MEK)	ND	vs	26	1.9	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
2-Hexanone	ND	vs	26	2.6	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
4-Methyl-2-pentanone (MIBK)	ND	vs	26	1.7	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Acetone	ND	vs	26	4.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Benzene	ND	vs	5.2	0.25	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Bromodichloromethane	ND	vs	5.2	0.70	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Bromoform	ND	vs	5.2	2.6	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Bromomethane	ND	vs	5.2	0.47	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Carbon disulfide	ND	vs	5.2	2.6	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Carbon tetrachloride	ND	vs	5.2	0.50	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Chlorobenzene	ND	vs	5.2	0.69	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Dibromochloromethane	ND	vs	5.2	0.66	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Chloroethane	ND	vs	5.2	1.2	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Chloroform	ND	vs	5.2	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Chloromethane	ND	vs	5.2	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
cis-1,2-Dichloroethene	ND	vs	5.2	0.66	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
cis-1,3-Dichloropropene	ND	vs	5.2	0.75	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Cyclohexane	ND	*+ vs	5.2	0.73	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Dichlorodifluoromethane	ND	vs	5.2	0.43	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Ethylbenzene	ND	vs	5.2	0.36	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
1,2-Dibromoethane	ND	vs	5.2	0.67	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Isopropylbenzene	ND	vs	5.2	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Methyl acetate	ND	vs	26	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Methyl tert-butyl ether	ND	vs	5.2	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Methylcyclohexane	ND	vs	5.2	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Methylene Chloride	ND	vs	5.2	2.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Styrene	ND	vs	5.2	0.26	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Tetrachloroethene	ND	vs	5.2	0.70	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Toluene	ND	vs	5.2	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
trans-1,2-Dichloroethene	ND	vs	5.2	0.54	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
trans-1,3-Dichloropropene	ND	vs	5.2	2.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Trichloroethene	**6.3**	**vs J-**	5.2	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Trichlorofluoromethane	ND	vs	5.2	0.49	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Vinyl chloride	ND	vs	5.2	0.63	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1
Xylenes, Total	ND	vs	10	0.87	ug/Kg	☼	06/23/25 19:17	06/24/25 02:07	1

Client Sample ID: TP-2
Date Collected: 06/20/25 08:45
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-2
Matrix: Solid
Percent Solids: 93.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*71 - 125*	*06/23/25 19:17*	*06/24/25 02:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*06/23/25 19:17*	*06/24/25 02:07*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*06/23/25 19:17*	*06/24/25 02:07*	*1*
Dibromofluoromethane (Surr)	*104*		*60 - 140*	*06/23/25 19:17*	*06/24/25 02:07*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
bis (2-chloroisopropyl) ether	ND		180	36	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4,5-Trichlorophenol	ND		180	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4,6-Trichlorophenol	ND		180	26	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4-Dichlorophenol	ND		180	34	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4-Dimethylphenol	ND		180	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4-Dinitrophenol	ND		1700	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,4-Dinitrotoluene	ND		180	24	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2,6-Dinitrotoluene	ND		180	25	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2-Chloronaphthalene	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2-Chlorophenol	ND		180	27	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2-Methylphenol	ND		180	28	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2-Methylnaphthalene	ND		180	27	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2-Nitroaniline	ND		340	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
2-Nitrophenol	ND		180	20	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
3,3'-Dichlorobenzidine	ND		340	51	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
3-Nitroaniline	ND		340	25	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4,6-Dinitro-2-methylphenol	ND		340	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Bromophenyl phenyl ether	ND		180	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Chloro-3-methylphenol	ND		180	36	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Chloroaniline	ND		180	25	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Chlorophenyl phenyl ether	ND		180	37	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Methylphenol	ND		340	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Nitroaniline	ND		340	26	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
4-Nitrophenol	ND		340	48	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Acenaphthene	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Acenaphthylene	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Acetophenone	ND		180	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Anthracene	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Atrazine	ND		180	59	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzaldehyde	ND		180	130	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzo[a]anthracene	ND		180	24	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzo[a]pyrene	ND		180	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzo[b]fluoranthene	ND		180	23	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzo[g,h,i]perylene	ND		180	30	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Benzo[k]fluoranthene	ND		180	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Bis(2-chloroethoxy)methane	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Bis(2-chloroethyl)ether	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Bis(2-ethylhexyl) phthalate	ND		180	38	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Butyl benzyl phthalate	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Caprolactam	ND		180	40	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Carbazole	ND		180	34	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Chrysene	ND		180	42	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1

Client Sample ID: TP-2
Date Collected: 06/20/25 08:45
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-2
Matrix: Solid
Percent Solids: 93.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		180	35	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Di-n-butyl phthalate	ND		180	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Di-n-octyl phthalate	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Dibenzofuran	ND		180	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Diethyl phthalate	ND		180	31	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Dimethyl phthalate	ND		180	34	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Fluoranthene	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Fluorene	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Hexachlorobenzene	ND		180	34	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Hexachlorobutadiene	ND		180	26	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Hexachlorocyclopentadiene	ND		340	76	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Hexachloroethane	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Indeno[1,2,3-cd]pyrene	ND		180	26	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Isophorone	ND		180	36	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
N-Nitrosodi-n-propylamine	ND		180	39	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
N-Nitrosodiphenylamine	ND		180	29	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Naphthalene	ND		180	29	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Nitrobenzene	ND		180	29	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Pentachlorophenol	ND		340	55	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Phenanthrene	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Phenol	ND		180	32	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1
Pyrene	ND		180	33	ug/Kg	☼	06/24/25 08:10	06/25/25 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*90*		*22 - 120*	*06/24/25 08:10*	*06/25/25 12:39*	*1*
Phenol-d5 (Surr)	*86*		*23 - 120*	*06/24/25 08:10*	*06/25/25 12:39*	*1*
p-Terphenyl-d14 (Surr)	*95*		*28 - 124*	*06/24/25 08:10*	*06/25/25 12:39*	*1*
2,4,6-Tribromophenol (Surr)	*102*		*10 - 140*	*06/24/25 08:10*	*06/25/25 12:39*	*1*
2-Fluorobiphenyl (Surr)	*91*		*29 - 120*	*06/24/25 08:10*	*06/25/25 12:39*	*1*
2-Fluorophenol (Surr)	*82*		*18 - 120*	*06/24/25 08:10*	*06/25/25 12:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8430**		10.4	8.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Antimony	ND		15.6	0.55	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Arsenic	**2.6**		2.1	0.91	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Barium	**64.3**		0.52	0.15	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Beryllium	**0.44**	^5- J-	0.21	0.041	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Cadmium	**0.11**	J	0.21	0.073	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Calcium	**118000**		259	140	mg/Kg	☼	06/23/25 14:47	06/24/25 15:53	5
Chromium	**12.3**		0.52	0.37	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Cobalt	**5.7**		0.52	0.10	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Copper	**19.4**		1.0	0.59	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Iron	**12100**		10.4	8.8	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Lead	**7.1**		1.0	0.48	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Magnesium	**34100**		20.7	8.8	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Manganese	**280**		1.0	0.29	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Nickel	**12.8**	^5- J-	5.2	0.26	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Potassium	**3050**		31.1	25.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Selenium	ND		4.1	0.83	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1

Client Sample ID: TP-2
Lab Sample ID: 480-230533-2
Date Collected: 06/20/25 08:45
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 93.6

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5- R	0.62	0.21	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Sodium	**298**		145	63.6	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Thallium	ND		6.2	0.79	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Vanadium	**14.7**		0.52	0.13	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1
Zinc	**23.0**	**^5- J-**	2.1	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.055**		0.022	0.0050	mg/Kg	☼	06/24/25 09:16	06/24/25 10:58	1

Client Sample ID: TP-3
Lab Sample ID: 480-230533-3
Date Collected: 06/20/25 09:25
Matrix: Solid
Date Received: 06/21/25 09:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		52	26	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1221	ND		52	31	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1232	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1242	ND		52	20	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1248	ND		52	18	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1254	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:25	1
Aroclor-1260	ND		52	22	ug/Kg		07/07/25 09:59	07/08/25 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*31*	*p*	*10 - 149*	*07/07/25 09:59*	*07/08/25 16:25*	*1*
DCB Decachlorobiphenyl	*45*	*p*	*10 - 174*	*07/07/25 09:59*	*07/08/25 16:25*	*1*

Client Sample ID: TP-3
Lab Sample ID: 480-230533-3
Date Collected: 06/20/25 09:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 79.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.1	0.45	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,1,2,2-Tetrachloroethane	ND	vs	6.1	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,1,2-Trichloroethane	ND	vs	6.1	0.80	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.1	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,1-Dichloroethane	ND	vs	6.1	0.75	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,1-Dichloroethene	ND	vs	6.1	0.75	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2,4-Trichlorobenzene	ND	vs	6.1	0.37	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.1	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2-Dichlorobenzene	ND	vs	6.1	0.48	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2-Dichloroethane	ND	vs	6.1	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2-Dichloropropane	ND	vs	6.1	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,3-Dichlorobenzene	ND	vs	6.1	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,4-Dichlorobenzene	ND	vs	6.1	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
2-Butanone (MEK)	ND	vs	31	2.2	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.0	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Acetone	**5.6**	**J vs J-**	31	5.2	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1

Client Sample ID: TP-3
Date Collected: 06/20/25 09:25
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-3
Matrix: Solid
Percent Solids: 79.6

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	vs	6.1	0.30	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Bromodichloromethane	ND	vs	6.1	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Bromoform	ND	vs	6.1	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Bromomethane	ND	vs	6.1	0.55	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Carbon disulfide	ND	vs	6.1	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Carbon tetrachloride	ND	vs	6.1	0.59	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Chlorobenzene	ND	vs	6.1	0.81	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Dibromochloromethane	ND	vs	6.1	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Chloroethane	ND	vs	6.1	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Chloroform	ND	vs	6.1	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Chloromethane	ND	vs	6.1	0.37	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
cis-1,2-Dichloroethene	ND	vs	6.1	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
cis-1,3-Dichloropropene	ND	vs	6.1	0.88	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Cyclohexane	ND	*+ vs	6.1	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Dichlorodifluoromethane	ND	vs	6.1	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Ethylbenzene	ND	vs	6.1	0.42	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
1,2-Dibromoethane	ND	vs	6.1	0.79	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Isopropylbenzene	ND	vs	6.1	0.93	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Methyl acetate	ND	vs	31	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Methyl tert-butyl ether	ND	vs	6.1	0.60	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Methylcyclohexane	ND	vs	6.1	0.93	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Methylene Chloride	ND	vs	6.1	2.8	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Styrene	ND	vs	6.1	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Tetrachloroethene	ND	vs	6.1	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Toluene	ND	vs	6.1	0.46	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
trans-1,2-Dichloroethene	ND	vs	6.1	0.63	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
trans-1,3-Dichloropropene	ND	vs	6.1	2.7	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Trichloroethene	ND	vs	6.1	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Trichlorofluoromethane	ND	vs	6.1	0.58	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Vinyl chloride	ND	vs	6.1	0.75	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1
Xylenes, Total	ND	vs	12	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 125*	*06/23/25 19:17*	*06/24/25 02:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*112*		*64 - 126*	*06/23/25 19:17*	*06/24/25 02:30*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*06/23/25 19:17*	*06/24/25 02:30*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*06/23/25 19:17*	*06/24/25 02:30*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
bis (2-chloroisopropyl) ether	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4,5-Trichlorophenol	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4,6-Trichlorophenol	ND		210	31	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4-Dichlorophenol	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4-Dimethylphenol	ND		210	44	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4-Dinitrophenol	ND		2000	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,4-Dinitrotoluene	ND		210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2,6-Dinitrotoluene	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2-Chloronaphthalene	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1

Client Sample ID: TP-3
Lab Sample ID: 480-230533-3

Date Collected: 06/20/25 09:25
Matrix: Solid

Date Received: 06/21/25 09:30
Percent Solids: 79.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		210	32	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2-Methylphenol	ND		210	34	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2-Methylnaphthalene	**51**	**J**	210	33	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2-Nitroaniline	ND		400	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
2-Nitrophenol	ND		210	23	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
3,3'-Dichlorobenzidine	ND		400	61	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
3-Nitroaniline	ND		400	29	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4,6-Dinitro-2-methylphenol	ND		400	45	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Bromophenyl phenyl ether	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Chloro-3-methylphenol	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Chloroaniline	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Chlorophenyl phenyl ether	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Methylphenol	ND		400	37	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Nitroaniline	ND		400	30	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
4-Nitrophenol	ND		400	56	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Acenaphthene	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Acenaphthylene	**60**	**J**	210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Acetophenone	ND		210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Anthracene	**85**	**J**	210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Atrazine	ND		210	70	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Benzaldehyde	ND		210	160	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Benzo[a]anthracene	**360**		210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Benzo[a]pyrene	**370**		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Benzo[b]fluoranthene	**480**		210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Benzo[g,h,i]perylene	**270**		210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Benzo[k]fluoranthene	**280**		210	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Bis(2-chloroethoxy)methane	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Bis(2-chloroethyl)ether	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Bis(2-ethylhexyl) phthalate	ND		210	45	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Butyl benzyl phthalate	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Caprolactam	ND		210	48	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Carbazole	**51**	**J**	210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Chrysene	**390**		210	50	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Dibenz(a,h)anthracene	**72**	**J**	210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Di-n-butyl phthalate	ND		210	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Di-n-octyl phthalate	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Dibenzofuran	**47**	**J**	210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Diethyl phthalate	ND		210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Dimethyl phthalate	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Fluoranthene	**640**		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Fluorene	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Hexachlorobenzene	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Hexachlorobutadiene	ND		210	31	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Hexachlorocyclopentadiene	ND		400	90	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Hexachloroethane	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Indeno[1,2,3-cd]pyrene	**220**		210	31	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Isophorone	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
N-Nitrosodi-n-propylamine	ND		210	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
N-Nitrosodiphenylamine	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1

Client Sample ID: TP-3
Lab Sample ID: 480-230533-3
Date Collected: 06/20/25 09:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 79.6

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**210**		210	34	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Nitrobenzene	ND		210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Pentachlorophenol	ND		400	66	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Phenanthrene	**310**		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Phenol	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1
Pyrene	**520**		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*95*		*22 - 120*	*06/24/25 08:10*	*06/25/25 13:07*	*1*
Phenol-d5 (Surr)	*88*		*23 - 120*	*06/24/25 08:10*	*06/25/25 13:07*	*1*
p-Terphenyl-d14 (Surr)	*96*		*28 - 124*	*06/24/25 08:10*	*06/25/25 13:07*	*1*
2,4,6-Tribromophenol (Surr)	*91*		*10 - 140*	*06/24/25 08:10*	*06/25/25 13:07*	*1*
2-Fluorobiphenyl (Surr)	*93*		*29 - 120*	*06/24/25 08:10*	*06/25/25 13:07*	*1*
2-Fluorophenol (Surr)	*85*		*18 - 120*	*06/24/25 08:10*	*06/25/25 13:07*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**15400**		12.6	10.8	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Antimony	**1.4**	**J**	18.9	0.67	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Arsenic	**5.4**		2.5	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Barium	**121**		0.63	0.18	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Beryllium	**0.72**	**^5- J-**	0.25	0.050	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Cadmium	**0.28**		0.25	0.088	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Calcium	**20100**		62.9	34.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Chromium	**21.7**		0.63	0.45	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Cobalt	**9.1**		0.63	0.13	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Copper	**32.6**		1.3	0.72	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Iron	**20100**		12.6	10.7	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Lead	**197**		1.3	0.58	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Magnesium	**9850**		25.2	10.7	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Manganese	**279**		1.3	0.35	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Nickel	**21.1**	**^5- J-**	6.3	0.31	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Potassium	**3440**		37.8	30.5	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Selenium	ND		5.0	1.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Silver	**0.68**	**J ^5- J-**	0.76	0.25	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Sodium	**1270**		176	77.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Thallium	ND		7.6	0.96	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Vanadium	**28.7**		0.63	0.16	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1
Zinc	**116**	**^5- J-**	2.5	1.3	mg/Kg	☼	06/23/25 14:47	06/24/25 12:28	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.1**		0.025	0.0057	mg/Kg	☼	06/24/25 09:16	06/24/25 10:59	1

Client Sample ID: TP-4
Lab Sample ID: 480-230533-4
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/21/25 09:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		07/07/25 09:59	07/08/25 16:41	1

Client Sample ID: TP-4
Lab Sample ID: 480-230533-4
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/21/25 09:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1221	ND		50	30	ug/Kg		07/07/25 09:59	07/08/25 16:41	1
Aroclor-1232	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 16:41	1
Aroclor-1242	ND		50	19	ug/Kg		07/07/25 09:59	07/08/25 16:41	1
Aroclor-1248	ND		50	17	ug/Kg		07/07/25 09:59	07/08/25 16:41	1
Aroclor-1254	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 16:41	1
Aroclor-1260	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 16:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*61*		*10 - 149*	*07/07/25 09:59*	*07/08/25 16:41*	*1*
DCB Decachlorobiphenyl	*77*		*10 - 174*	*07/07/25 09:59*	*07/08/25 16:41*	*1*

Client Sample ID: TP-4
Lab Sample ID: 480-230533-4
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 75.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.5	0.47	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,1,2,2-Tetrachloroethane	ND	vs	6.5	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,1,2-Trichloroethane	ND	vs	6.5	0.85	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.5	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,1-Dichloroethane	ND	vs	6.5	0.80	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,1-Dichloroethene	ND	vs	6.5	0.80	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,2,4-Trichlorobenzene	ND	vs	6.5	0.40	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.5	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,2-Dichlorobenzene	ND	vs	6.5	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,2-Dichloroethane	ND	vs	6.5	0.33	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,2-Dichloropropane	ND	vs	6.5	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,3-Dichlorobenzene	ND	vs	6.5	0.34	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
1,4-Dichlorobenzene	ND	vs	6.5	0.91	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
2-Butanone (MEK)	**12**	**J vs J-**	33	2.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
2-Hexanone	ND	vs	33	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
4-Methyl-2-pentanone (MIBK)	ND	vs	33	2.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Acetone	**72**	**vs J-**	33	5.5	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Benzene	ND	vs	6.5	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Bromodichloromethane	ND	vs	6.5	0.87	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Bromoform	ND	vs	6.5	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Bromomethane	ND	vs	6.5	0.59	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Carbon disulfide	ND	vs	6.5	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Carbon tetrachloride	ND	vs	6.5	0.63	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Chlorobenzene	ND	vs	6.5	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Dibromochloromethane	ND	vs	6.5	0.84	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Chloroethane	ND	vs	6.5	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Chloroform	ND	vs	6.5	0.40	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Chloromethane	ND	vs	6.5	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
cis-1,2-Dichloroethene	ND	vs	6.5	0.84	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
cis-1,3-Dichloropropene	ND	vs	6.5	0.94	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Cyclohexane	ND	*+ vs	6.5	0.91	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Dichlorodifluoromethane	ND	vs	6.5	0.54	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Ethylbenzene	ND	vs	6.5	0.45	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1

Client Sample ID: TP-4
Date Collected: 06/20/25 10:00
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-4
Matrix: Solid
Percent Solids: 75.3

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND	vs	6.5	0.84	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Isopropylbenzene	ND	vs	6.5	0.98	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Methyl acetate	ND	vs	33	3.9	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Methyl tert-butyl ether	ND	vs	6.5	0.64	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Methylcyclohexane	ND	vs	6.5	0.99	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Methylene Chloride	ND	vs	6.5	3.0	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Styrene	ND	vs	6.5	0.33	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Tetrachloroethene	ND	vs	6.5	0.88	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Toluene	ND	vs	6.5	0.49	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
trans-1,2-Dichloroethene	ND	vs	6.5	0.67	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
trans-1,3-Dichloropropene	ND	vs	6.5	2.9	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Trichloroethene	ND	vs	6.5	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Trichlorofluoromethane	ND	vs	6.5	0.62	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Vinyl chloride	ND	vs	6.5	0.80	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*71 - 125*	*06/23/25 19:17*	*06/24/25 02:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 126*	*06/23/25 19:17*	*06/24/25 02:54*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*06/23/25 19:17*	*06/24/25 02:54*	*1*
Dibromofluoromethane (Surr)	*100*		*60 - 140*	*06/23/25 19:17*	*06/24/25 02:54*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		220	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
bis (2-chloroisopropyl) ether	ND		220	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,4,5-Trichlorophenol	ND		220	45	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,4,6-Trichlorophenol	ND		220	34	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,4-Dichlorophenol	ND		220	44	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,4-Dimethylphenol	ND		220	47	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,4-Dinitrophenol	ND		2200	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,4-Dinitrotoluene	ND		220	30	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2,6-Dinitrotoluene	ND		220	32	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Chloronaphthalene	ND		220	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Chlorophenol	ND		220	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Methylphenol	ND		220	36	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Methylnaphthalene	ND		220	35	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Nitroaniline	ND		440	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
2-Nitrophenol	ND		220	25	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
3,3'-Dichlorobenzidine	ND		440	65	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
3-Nitroaniline	ND		440	32	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4,6-Dinitro-2-methylphenol	ND		440	49	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Bromophenyl phenyl ether	ND		220	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Chloro-3-methylphenol	ND		220	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Chloroaniline	ND		220	32	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Chlorophenyl phenyl ether	ND		220	47	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Methylphenol	**100**	**J**	440	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Nitroaniline	ND		440	33	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
4-Nitrophenol	ND		440	61	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Acenaphthene	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1

Client Sample ID: TP-4
Date Collected: 06/20/25 10:00
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-4
Matrix: Solid
Percent Solids: 75.3

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		220	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Acetophenone	**42**	**J**	220	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Anthracene	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Atrazine	ND		220	76	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzaldehyde	**250**	**J**	220	170	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzo[a]anthracene	**85**	**J**	220	31	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzo[a]pyrene	**89**	**J**	220	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzo[b]fluoranthene	**160**	**J**	220	30	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzo[g,h,i]perylene	**110**	**J**	220	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Benzo[k]fluoranthene	**93**	**J**	220	50	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Bis(2-chloroethoxy)methane	ND		220	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Bis(2-chloroethyl)ether	ND		220	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Bis(2-ethylhexyl) phthalate	ND		220	49	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Butyl benzyl phthalate	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Caprolactam	ND		220	52	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Carbazole	ND		220	44	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Chrysene	**140**	**J**	220	54	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Dibenz(a,h)anthracene	ND		220	45	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Di-n-butyl phthalate	ND		220	50	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Di-n-octyl phthalate	ND		220	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Dibenzofuran	ND		220	39	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Diethyl phthalate	ND		220	40	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Dimethyl phthalate	ND		220	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Fluoranthene	**190**	**J**	220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Fluorene	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Hexachlorobenzene	ND		220	43	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Hexachlorobutadiene	ND		220	33	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Hexachlorocyclopentadiene	ND		440	98	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Hexachloroethane	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Indeno[1,2,3-cd]pyrene	**88**	**J**	220	33	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Isophorone	ND		220	46	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
N-Nitrosodi-n-propylamine	ND		220	50	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
N-Nitrosodiphenylamine	ND		220	37	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Naphthalene	**74**	**J**	220	37	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Nitrobenzene	ND		220	38	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Pentachlorophenol	ND		440	71	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Phenanthrene	**150**	**J**	220	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Phenol	ND		220	41	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1
Pyrene	**130**	**J**	220	42	ug/Kg	☼	06/24/25 08:10	06/25/25 13:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*84*		*22 - 120*	*06/24/25 08:10*	*06/25/25 13:35*	*1*
Phenol-d5 (Surr)	*90*		*23 - 120*	*06/24/25 08:10*	*06/25/25 13:35*	*1*
p-Terphenyl-d14 (Surr)	*96*		*28 - 124*	*06/24/25 08:10*	*06/25/25 13:35*	*1*
2,4,6-Tribromophenol (Surr)	*104*		*10 - 140*	*06/24/25 08:10*	*06/25/25 13:35*	*1*
2-Fluorobiphenyl (Surr)	*93*		*29 - 120*	*06/24/25 08:10*	*06/25/25 13:35*	*1*
2-Fluorophenol (Surr)	*85*		*18 - 120*	*06/24/25 08:10*	*06/25/25 13:35*	*1*

Client Sample ID: TP-4
Lab Sample ID: 480-230533-4
Date Collected: 06/20/25 10:00
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 75.3

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	13200		13.7	11.8	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Antimony	1.0	J	20.5	0.73	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Arsenic	13.8		2.7	1.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Barium	237		0.68	0.19	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Beryllium	0.69	^5- J-	0.27	0.055	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Cadmium	0.44		0.27	0.096	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Calcium	15000		68.4	36.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Chromium	26.1		0.68	0.49	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Cobalt	8.9		0.68	0.14	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Copper	45.4		1.4	0.78	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Iron	17600		13.7	11.6	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Lead	480		1.4	0.63	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Magnesium	6110		27.4	11.6	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Manganese	214		1.4	0.38	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Nickel	22.8	^5- J-	6.8	0.34	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Potassium	2670		41.0	33.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Selenium	1.7	J	5.5	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Silver	17.0	^5- J-	0.82	0.27	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Sodium	2060		192	83.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Thallium	ND		8.2	1.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Vanadium	25.0		0.68	0.18	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1
Zinc	233	^5- J-	2.7	1.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:30	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	3.3		0.14	0.032	mg/Kg	☼	06/24/25 09:16	06/24/25 12:51	5

Client Sample ID: TP-5
Lab Sample ID: 480-230533-5
Date Collected: 06/20/25 10:45
Matrix: Solid
Date Received: 06/21/25 09:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		49	24	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1221	ND		49	29	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1232	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1242	ND		49	19	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1248	ND		49	17	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1254	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 16:57	1
Aroclor-1260	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 16:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*75*		*10 - 149*	*07/07/25 09:59*	*07/08/25 16:57*	*1*
DCB Decachlorobiphenyl	*91*		*10 - 174*	*07/07/25 09:59*	*07/08/25 16:57*	*1*

Client Sample ID: TP-5
Date Collected: 06/20/25 10:45
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-5
Matrix: Solid
Percent Solids: 73.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.8	0.49	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,1,2,2-Tetrachloroethane	ND	vs	6.8	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,1,2-Trichloroethane	ND	vs	6.8	0.88	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.8	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,1-Dichloroethane	ND	vs	6.8	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,1-Dichloroethene	ND	vs	6.8	0.83	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2,4-Trichlorobenzene	ND	vs	6.8	0.41	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.8	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2-Dichlorobenzene	ND	vs	6.8	0.53	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2-Dichloroethane	ND	vs	6.8	0.34	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2-Dichloropropane	ND	vs	6.8	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,3-Dichlorobenzene	ND	vs	6.8	0.35	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,4-Dichlorobenzene	ND	vs	6.8	0.95	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
2-Butanone (MEK)	**8.4**	**J vs J-**	34	2.5	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
2-Hexanone	ND	vs	34	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
4-Methyl-2-pentanone (MIBK)	ND	vs	34	2.2	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Acetone	**38**	**vs J-**	34	5.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Benzene	ND	vs	6.8	0.33	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Bromodichloromethane	ND	vs	6.8	0.91	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Bromoform	ND	vs	6.8	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Bromomethane	ND	vs	6.8	0.61	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Carbon disulfide	ND	vs	6.8	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Carbon tetrachloride	ND	vs	6.8	0.65	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Chlorobenzene	ND	vs	6.8	0.89	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Dibromochloromethane	ND	vs	6.8	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Chloroethane	ND	vs	6.8	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Chloroform	ND	vs	6.8	0.42	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Chloromethane	ND	vs	6.8	0.41	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
cis-1,2-Dichloroethene	ND	vs	6.8	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
cis-1,3-Dichloropropene	ND	vs	6.8	0.97	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Cyclohexane	ND	*+ vs	6.8	0.95	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Dichlorodifluoromethane	ND	vs	6.8	0.56	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Ethylbenzene	ND	vs	6.8	0.47	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
1,2-Dibromoethane	ND	vs	6.8	0.87	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Isopropylbenzene	ND	vs	6.8	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Methyl acetate	ND	vs	34	4.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Methyl tert-butyl ether	ND	vs	6.8	0.66	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Methylcyclohexane	ND	vs	6.8	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Methylene Chloride	ND	vs	6.8	3.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Styrene	ND	vs	6.8	0.34	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Tetrachloroethene	ND	vs	6.8	0.91	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Toluene	ND	vs	6.8	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
trans-1,2-Dichloroethene	ND	vs	6.8	0.70	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
trans-1,3-Dichloropropene	ND	vs	6.8	3.0	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Trichloroethene	ND	vs	6.8	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Trichlorofluoromethane	ND	vs	6.8	0.64	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Vinyl chloride	ND	vs	6.8	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1
Xylenes, Total	ND	vs	14	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:17	1

Client Sample ID: TP-5
Date Collected: 06/20/25 10:45
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-5
Matrix: Solid
Percent Solids: 73.0

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 125*	*06/23/25 19:17*	*06/24/25 03:17*	*1*
1,2-Dichloroethane-d4 (Surr)	*107*		*64 - 126*	*06/23/25 19:17*	*06/24/25 03:17*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*06/23/25 19:17*	*06/24/25 03:17*	*1*
Dibromofluoromethane (Surr)	*101*		*60 - 140*	*06/23/25 19:17*	*06/24/25 03:17*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND			230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
bis (2-chloroisopropyl) ether	ND			230	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4,5-Trichlorophenol	ND			230	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4,6-Trichlorophenol	ND			230	35	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4-Dichlorophenol	ND			230	45	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4-Dimethylphenol	ND			230	49	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4-Dinitrophenol	ND			2300	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,4-Dinitrotoluene	ND			230	31	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2,6-Dinitrotoluene	ND			230	33	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Chloronaphthalene	ND			230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Chlorophenol	ND			230	36	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Methylphenol	ND			230	37	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Methylnaphthalene	**67**	**J**		230	36	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Nitroaniline	ND			450	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
2-Nitrophenol	ND			230	26	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
3,3'-Dichlorobenzidine	ND			450	68	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
3-Nitroaniline	ND			450	33	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4,6-Dinitro-2-methylphenol	ND			450	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Bromophenyl phenyl ether	ND			230	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Chloro-3-methylphenol	ND			230	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Chloroaniline	ND			230	33	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Chlorophenyl phenyl ether	ND			230	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Methylphenol	ND			450	41	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Nitroaniline	ND			450	34	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
4-Nitrophenol	ND			450	63	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Acenaphthene	**98**	**J**		230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Acenaphthylene	ND			230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Acetophenone	ND			230	41	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Anthracene	**130**	**J**		230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Atrazine	ND			230	78	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzaldehyde	**180**	**J**	**J**	230	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzo[a]anthracene	**130**	**J**		230	32	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzo[a]pyrene	**120**	**J**		230	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzo[b]fluoranthene	**170**	**J**		230	31	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzo[g,h,i]perylene	**110**	**J**		230	40	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Benzo[k]fluoranthene	**100**	**J**		230	52	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Bis(2-chloroethoxy)methane	ND			230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Bis(2-chloroethyl)ether	ND			230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Bis(2-ethylhexyl) phthalate	**63**	**J**		230	50	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Butyl benzyl phthalate	ND			230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Caprolactam	ND			230	53	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Carbazole	ND			230	45	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Chrysene	**150**	**J**		230	56	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1

Client Sample ID: TP-5
Date Collected: 06/20/25 10:45
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-5
Matrix: Solid
Percent Solids: 73.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		230	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Di-n-butyl phthalate	ND		230	52	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Di-n-octyl phthalate	ND		230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Dibenzofuran	**110**	**J**	230	41	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Diethyl phthalate	ND		230	41	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Dimethyl phthalate	ND		230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Fluoranthene	**420**		230	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Fluorene	**110**	**J**	230	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Hexachlorobenzene	ND		230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Hexachlorobutadiene	ND		230	35	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Hexachlorocyclopentadiene	ND		450	100	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Hexachloroethane	ND		230	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Indeno[1,2,3-cd]pyrene	**83**	**J**	230	34	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Isophorone	ND		230	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
N-Nitrosodi-n-propylamine	ND		230	52	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
N-Nitrosodiphenylamine	ND		230	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Naphthalene	**110**	**J**	230	38	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Nitrobenzene	ND		230	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Pentachlorophenol	ND		450	74	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Phenanthrene	**560**		230	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Phenol	ND		230	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1
Pyrene	**330**		230	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*74*		*22 - 120*	*06/24/25 08:10*	*06/25/25 14:03*	*1*
Phenol-d5 (Surr)	*79*		*23 - 120*	*06/24/25 08:10*	*06/25/25 14:03*	*1*
p-Terphenyl-d14 (Surr)	*69*		*28 - 124*	*06/24/25 08:10*	*06/25/25 14:03*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 140*	*06/24/25 08:10*	*06/25/25 14:03*	*1*
2-Fluorobiphenyl (Surr)	*79*		*29 - 120*	*06/24/25 08:10*	*06/25/25 14:03*	*1*
2-Fluorophenol (Surr)	*77*		*18 - 120*	*06/24/25 08:10*	*06/25/25 14:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**14000**		14.1	12.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Antimony	**0.80**	**J**	21.2	0.75	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Arsenic	**6.7**		2.8	1.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Barium	**186**		0.71	0.20	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Beryllium	**0.64**	**^5- J-**	0.28	0.056	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Cadmium	**0.86**		0.28	0.099	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Calcium	**39300**		70.5	38.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Chromium	**21.9**		0.71	0.51	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Cobalt	**8.2**		0.71	0.14	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Copper	**48.0**		1.4	0.80	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Iron	**17400**		14.1	12.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Lead	**439**		1.4	0.65	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Magnesium	**20700**		28.2	12.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Manganese	**274**		1.4	0.39	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Nickel	**18.4**	**^5- J-**	7.1	0.35	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Potassium	**3230**		42.3	34.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Selenium	**1.8**	**J**	5.6	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1

Client Sample ID: TP-5
Lab Sample ID: 480-230533-5
Date Collected: 06/20/25 10:45
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 73.0

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.45**	**J ^5- J-**	0.85	0.28	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Sodium	**713**		197	86.5	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Thallium	ND		8.5	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Vanadium	**26.7**		0.71	0.18	mg/Kg	☼	06/23/25 14:47	06/24/25 12:32	1
Zinc	**385**	**^5- J-**	14.1	7.2	mg/Kg	☼	06/23/25 14:47	06/24/25 15:55	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**1.9**		0.026	0.0061	mg/Kg	☼	06/24/25 09:16	06/24/25 11:02	1

Client Sample ID: TP-6
Lab Sample ID: 480-230533-6
Date Collected: 06/20/25 11:25
Matrix: Solid
Date Received: 06/21/25 09:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1221	ND		50	30	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1232	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1242	ND		50	19	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1248	ND		50	17	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1254	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:13	1
Aroclor-1260	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*71*		*10 - 149*	*07/07/25 09:59*	*07/08/25 17:13*	*1*
DCB Decachlorobiphenyl	*101*		*10 - 174*	*07/07/25 09:59*	*07/08/25 17:13*	*1*

Client Sample ID: TP-6
Lab Sample ID: 480-230533-6
Date Collected: 06/20/25 11:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 67.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	7.4	0.54	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,1,2,2-Tetrachloroethane	ND	vs	7.4	1.2	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,1,2-Trichloroethane	ND	vs	7.4	0.96	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	7.4	1.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,1-Dichloroethane	ND	vs	7.4	0.90	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,1-Dichloroethene	ND	vs	7.4	0.90	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2,4-Trichlorobenzene	ND	vs	7.4	0.45	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2-Dibromo-3-Chloropropane	ND	vs	7.4	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2-Dichlorobenzene	ND	vs	7.4	0.58	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2-Dichloroethane	ND	vs	7.4	0.37	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2-Dichloropropane	ND	vs	7.4	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,3-Dichlorobenzene	ND	vs	7.4	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,4-Dichlorobenzene	ND	vs	7.4	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
2-Butanone (MEK)	**14**	**J vs J-**	37	2.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
2-Hexanone	ND	vs	37	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
4-Methyl-2-pentanone (MIBK)	ND	vs	37	2.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Acetone	**41**	**vs J-**	37	6.2	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1

Client Sample ID: TP-6
Date Collected: 06/20/25 11:25
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-6
Matrix: Solid
Percent Solids: 67.0

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND	vs	7.4	0.36	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Bromodichloromethane	ND	vs	7.4	0.99	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Bromoform	ND	vs	7.4	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Bromomethane	ND	vs	7.4	0.67	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Carbon disulfide	ND	vs	7.4	3.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Carbon tetrachloride	ND	vs	7.4	0.72	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Chlorobenzene	ND	vs	7.4	0.98	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Dibromochloromethane	ND	vs	7.4	0.95	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Chloroethane	ND	vs	7.4	1.7	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Chloroform	ND	vs	7.4	0.46	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Chloromethane	ND	vs	7.4	0.45	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
cis-1,2-Dichloroethene	ND	vs	7.4	0.95	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
cis-1,3-Dichloropropene	ND	vs	7.4	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Cyclohexane	ND	*+ vs	7.4	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Dichlorodifluoromethane	ND	vs	7.4	0.61	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Ethylbenzene	ND	vs	7.4	0.51	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
1,2-Dibromoethane	ND	vs	7.4	0.95	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Isopropylbenzene	ND	vs	7.4	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Methyl acetate	ND	vs	37	4.5	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Methyl tert-butyl ether	ND	vs	7.4	0.73	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Methylcyclohexane	ND	vs	7.4	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Methylene Chloride	ND	vs	7.4	3.4	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Styrene	ND	vs	7.4	0.37	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Tetrachloroethene	ND	vs	7.4	0.99	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Toluene	ND	vs	7.4	0.56	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
trans-1,2-Dichloroethene	ND	vs	7.4	0.76	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
trans-1,3-Dichloropropene	ND	vs	7.4	3.3	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Trichloroethene	ND	vs	7.4	1.6	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Trichlorofluoromethane	ND	vs	7.4	0.70	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Vinyl chloride	ND	vs	7.4	0.90	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1
Xylenes, Total	ND	vs	15	1.2	ug/Kg	☼	06/23/25 19:17	06/24/25 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*90*		*71 - 125*	*06/23/25 19:17*	*06/24/25 03:41*	*1*
1,2-Dichloroethane-d4 (Surr)	*111*		*64 - 126*	*06/23/25 19:17*	*06/24/25 03:41*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 126*	*06/23/25 19:17*	*06/24/25 03:41*	*1*
Dibromofluoromethane (Surr)	*103*		*60 - 140*	*06/23/25 19:17*	*06/24/25 03:41*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		250	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
bis (2-chloroisopropyl) ether	ND		250	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4,5-Trichlorophenol	ND		250	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4,6-Trichlorophenol	ND		250	38	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4-Dichlorophenol	ND		250	49	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4-Dimethylphenol	ND		250	53	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4-Dinitrophenol	ND		2500	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,4-Dinitrotoluene	ND		250	34	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2,6-Dinitrotoluene	ND		250	36	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2-Chloronaphthalene	ND		250	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1

Client Sample ID: TP-6
Lab Sample ID: 480-230533-6

Date Collected: 06/20/25 11:25
Matrix: Solid

Date Received: 06/21/25 09:30
Percent Solids: 67.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		250	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2-Methylphenol	ND		250	41	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2-Methylnaphthalene	ND		250	39	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2-Nitroaniline	ND		490	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
2-Nitrophenol	ND		250	28	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
3,3'-Dichlorobenzidine	ND		490	73	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
3-Nitroaniline	ND		490	35	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4,6-Dinitro-2-methylphenol	ND		490	55	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Bromophenyl phenyl ether	ND		250	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Chloro-3-methylphenol	ND		250	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Chloroaniline	ND		250	36	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Chlorophenyl phenyl ether	ND		250	53	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Methylphenol	**66**	**J**	490	45	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Nitroaniline	ND		490	37	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
4-Nitrophenol	ND		490	68	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Acenaphthene	ND		250	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Acenaphthylene	ND		250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Acetophenone	ND		250	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Anthracene	ND		250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Atrazine	ND		250	85	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzaldehyde	**270**	**J**	250	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzo[a]anthracene	**62**	**J**	250	35	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzo[a]pyrene	**59**	**J**	250	43	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzo[b]fluoranthene	**97**	**J**	250	34	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzo[g,h,i]perylene	**52**	**J**	250	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Benzo[k]fluoranthene	ND		250	56	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Bis(2-chloroethoxy)methane	ND		250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Bis(2-chloroethyl)ether	ND		250	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Bis(2-ethylhexyl) phthalate	ND		250	55	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Butyl benzyl phthalate	ND		250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Caprolactam	ND		250	58	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Carbazole	ND		250	49	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Chrysene	**67**	**J**	250	60	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Dibenz(a,h)anthracene	ND		250	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Di-n-butyl phthalate	**58**	**J**	250	56	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Di-n-octyl phthalate	ND		250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Dibenzofuran	ND		250	44	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Diethyl phthalate	ND		250	45	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Dimethyl phthalate	ND		250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Fluoranthene	**110**	**J**	250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Fluorene	ND		250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Hexachlorobenzene	ND		250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Hexachlorobutadiene	ND		250	37	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Hexachlorocyclopentadiene	ND		490	110	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Hexachloroethane	ND		250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Indeno[1,2,3-cd]pyrene	**40**	**J**	250	37	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Isophorone	ND		250	51	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
N-Nitrosodi-n-propylamine	ND		250	56	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
N-Nitrosodiphenylamine	ND		250	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1

Client Sample ID: TP-6
Lab Sample ID: 480-230533-6
Date Collected: 06/20/25 11:25
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 67.0

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		250	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Nitrobenzene	ND		250	42	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Pentachlorophenol	ND		490	80	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Phenanthrene	ND		250	47	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Phenol	ND		250	46	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1
Pyrene	**85**	**J**	250	48	ug/Kg	☼	06/24/25 08:10	06/25/25 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*75*		*22 - 120*	*06/24/25 08:10*	*06/25/25 14:31*	*1*
Phenol-d5 (Surr)	*88*		*23 - 120*	*06/24/25 08:10*	*06/25/25 14:31*	*1*
p-Terphenyl-d14 (Surr)	*83*		*28 - 124*	*06/24/25 08:10*	*06/25/25 14:31*	*1*
2,4,6-Tribromophenol (Surr)	*81*		*10 - 140*	*06/24/25 08:10*	*06/25/25 14:31*	*1*
2-Fluorobiphenyl (Surr)	*86*		*29 - 120*	*06/24/25 08:10*	*06/25/25 14:31*	*1*
2-Fluorophenol (Surr)	*82*		*18 - 120*	*06/24/25 08:10*	*06/25/25 14:31*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**19300**		15.8	13.7	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Antimony	ND		23.8	0.84	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Arsenic	**2.5**	**J**	3.2	1.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Barium	**150**		0.79	0.22	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Beryllium	**0.74**	**^5- J-**	0.32	0.063	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Cadmium	**0.47**		0.32	0.11	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Calcium	**21800**		79.2	42.7	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Chromium	**21.8**		0.79	0.57	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Cobalt	**7.0**		0.79	0.16	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Copper	**36.1**		1.6	0.90	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Iron	**13400**		15.8	13.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Lead	**396**		1.6	0.73	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Magnesium	**4780**		31.7	13.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Manganese	**233**		1.6	0.44	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Nickel	**24.7**	**^5- J-**	7.9	0.40	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Potassium	**3250**		47.5	38.4	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Selenium	ND		6.3	1.3	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Silver	**0.39**	**J ^5- J-**	0.95	0.32	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Sodium	**151**	**J**	222	97.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Thallium	ND		9.5	1.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Vanadium	**24.5**		0.79	0.21	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1
Zinc	**92.3**	**^5- J-**	3.2	1.6	mg/Kg	☼	06/23/25 14:47	06/24/25 12:34	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.91**		0.031	0.0071	mg/Kg	☼	06/24/25 09:16	06/24/25 11:03	1

Client Sample ID: TP-7
Lab Sample ID: 480-230533-7
Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/21/25 09:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		49	25	ug/Kg		07/07/25 09:59	07/08/25 17:29	1

Client Sample ID: TP-7
Lab Sample ID: 480-230533-7
Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/21/25 09:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1221	ND		49	30	ug/Kg		07/07/25 09:59	07/08/25 17:29	1
Aroclor-1232	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 17:29	1
Aroclor-1242	ND		49	19	ug/Kg		07/07/25 09:59	07/08/25 17:29	1
Aroclor-1248	ND		49	17	ug/Kg		07/07/25 09:59	07/08/25 17:29	1
Aroclor-1254	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 17:29	1
Aroclor-1260	ND		49	21	ug/Kg		07/07/25 09:59	07/08/25 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*67*		*10 - 149*	*07/07/25 09:59*	*07/08/25 17:29*	*1*
DCB Decachlorobiphenyl	*74*		*10 - 174*	*07/07/25 09:59*	*07/08/25 17:29*	*1*

Client Sample ID: TP-7
Lab Sample ID: 480-230533-7
Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 76.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.4	0.46	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,1,2,2-Tetrachloroethane	ND	vs	6.4	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,1,2-Trichloroethane	ND	vs	6.4	0.83	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.4	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,1-Dichloroethane	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,1-Dichloroethene	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,2,4-Trichlorobenzene	ND	vs	6.4	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,2-Dichlorobenzene	ND	vs	6.4	0.50	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,2-Dichloroethane	ND	vs	6.4	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,2-Dichloropropane	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,3-Dichlorobenzene	ND	vs	6.4	0.33	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
1,4-Dichlorobenzene	ND	vs	6.4	0.89	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
2-Butanone (MEK)	ND	vs	32	2.3	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
2-Hexanone	ND	vs	32	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
4-Methyl-2-pentanone (MIBK)	ND	vs	32	2.1	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Acetone	ND	vs	32	5.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Benzene	ND	vs	6.4	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Bromodichloromethane	ND	vs	6.4	0.85	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Bromoform	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Bromomethane	ND	vs	6.4	0.57	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Carbon disulfide	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Carbon tetrachloride	ND	vs	6.4	0.62	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Chlorobenzene	ND	vs	6.4	0.84	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Dibromochloromethane	ND	vs	6.4	0.81	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Chloroethane	ND	vs	6.4	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Chloroform	ND	vs	6.4	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Chloromethane	ND	vs	6.4	0.38	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
cis-1,2-Dichloroethene	ND	vs	6.4	0.81	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
cis-1,3-Dichloropropene	ND	vs	6.4	0.92	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Cyclohexane	ND	*+ vs	6.4	0.89	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Dichlorodifluoromethane	ND	vs	6.4	0.53	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Ethylbenzene	ND	vs	6.4	0.44	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1

Client Sample ID: TP-7
Date Collected: 06/20/25 12:40
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-7
Matrix: Solid
Percent Solids: 76.9

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND	vs	6.4	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Isopropylbenzene	ND	vs	6.4	0.96	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Methyl acetate	ND	vs	32	3.8	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Methyl tert-butyl ether	ND	vs	6.4	0.62	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Methylcyclohexane	ND	vs	6.4	0.97	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Methylene Chloride	ND	vs	6.4	2.9	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Styrene	ND	vs	6.4	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Tetrachloroethene	ND	vs	6.4	0.85	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Toluene	ND	vs	6.4	0.48	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
trans-1,2-Dichloroethene	ND	vs	6.4	0.66	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
trans-1,3-Dichloropropene	ND	vs	6.4	2.8	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Trichloroethene	ND	vs	6.4	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Trichlorofluoromethane	ND	vs	6.4	0.60	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Vinyl chloride	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 125*	*06/23/25 19:17*	*06/24/25 04:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*110*		*64 - 126*	*06/23/25 19:17*	*06/24/25 04:04*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 126*	*06/23/25 19:17*	*06/24/25 04:04*	*1*
Dibromofluoromethane (Surr)	*105*		*60 - 140*	*06/23/25 19:17*	*06/24/25 04:04*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
bis (2-chloroisopropyl) ether	ND		1100	220	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4,5-Trichlorophenol	ND		1100	220	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4,6-Trichlorophenol	ND		1100	170	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4-Dichlorophenol	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4-Dimethylphenol	ND		1100	230	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4-Dinitrophenol	ND		11000	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,4-Dinitrotoluene	ND		1100	150	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2,6-Dinitrotoluene	ND		1100	160	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Chloronaphthalene	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Chlorophenol	ND		1100	170	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Methylphenol	ND		1100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Methylnaphthalene	ND		1100	170	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Nitroaniline	ND		2100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
2-Nitrophenol	ND		1100	120	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
3,3'-Dichlorobenzidine	ND		2100	320	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
3-Nitroaniline	ND		2100	150	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4,6-Dinitro-2-methylphenol	ND		2100	240	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Bromophenyl phenyl ether	ND		1100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Chloro-3-methylphenol	ND		1100	220	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Chloroaniline	ND		1100	160	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Chlorophenyl phenyl ether	ND		1100	230	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Methylphenol	ND		2100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Nitroaniline	ND		2100	160	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
4-Nitrophenol	ND		2100	300	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Acenaphthene	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5

Client Sample ID: TP-7
Date Collected: 06/20/25 12:40
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-7
Matrix: Solid
Percent Solids: 76.9

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthylene	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Acetophenone	ND		1100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Anthracene	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Atrazine	ND		1100	370	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzaldehyde	ND		1100	830	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzo[a]anthracene	**250**	**J**	1100	150	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzo[a]pyrene	**250**	**J**	1100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzo[b]fluoranthene	**320**	**J**	1100	150	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzo[g,h,i]perylene	**220**	**J**	1100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Benzo[k]fluoranthene	ND		1100	240	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Bis(2-chloroethoxy)methane	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Bis(2-chloroethyl)ether	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Bis(2-ethylhexyl) phthalate	**250**	**J**	1100	240	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Butyl benzyl phthalate	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Caprolactam	ND		1100	250	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Carbazole	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Chrysene	ND		1100	260	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Dibenz(a,h)anthracene	ND		1100	220	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Di-n-butyl phthalate	ND		1100	240	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Di-n-octyl phthalate	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Dibenzofuran	ND		1100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Diethyl phthalate	ND		1100	190	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Dimethyl phthalate	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Fluoranthene	**500**	**J**	1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Fluorene	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Hexachlorobenzene	ND		1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Hexachlorobutadiene	ND		1100	160	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Hexachlorocyclopentadiene	ND		2100	480	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Hexachloroethane	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Indeno[1,2,3-cd]pyrene	ND		1100	160	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Isophorone	ND		1100	220	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
N-Nitrosodi-n-propylamine	ND		1100	240	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
N-Nitrosodiphenylamine	ND		1100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Naphthalene	ND		1100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Nitrobenzene	ND		1100	180	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Pentachlorophenol	ND		2100	350	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Phenanthrene	**210**	**J**	1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Phenol	ND		1100	200	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5
Pyrene	**420**	**J**	1100	210	ug/Kg	☼	06/24/25 08:10	06/25/25 14:59	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*83*		*22 - 120*	*06/24/25 08:10*	*06/25/25 14:59*	*5*
Phenol-d5 (Surr)	*78*		*23 - 120*	*06/24/25 08:10*	*06/25/25 14:59*	*5*
p-Terphenyl-d14 (Surr)	*76*		*28 - 124*	*06/24/25 08:10*	*06/25/25 14:59*	*5*
2,4,6-Tribromophenol (Surr)	*78*		*10 - 140*	*06/24/25 08:10*	*06/25/25 14:59*	*5*
2-Fluorobiphenyl (Surr)	*82*		*29 - 120*	*06/24/25 08:10*	*06/25/25 14:59*	*5*
2-Fluorophenol (Surr)	*76*		*18 - 120*	*06/24/25 08:10*	*06/25/25 14:59*	*5*

Client Sample ID: TP-7
Lab Sample ID: 480-230533-7
Date Collected: 06/20/25 12:40
Matrix: Solid
Date Received: 06/21/25 09:30
Percent Solids: 76.9

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	15300		12.9	11.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Antimony	1.3	J	19.3	0.68	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Arsenic	4.7		2.6	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Barium	127		0.64	0.18	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Beryllium	0.73	^5- J-	0.26	0.052	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Cadmium	0.55		0.26	0.090	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Calcium	37500		64.4	34.8	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Chromium	23.1		0.64	0.46	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Cobalt	10.3		0.64	0.13	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Copper	42.4		1.3	0.73	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Iron	19800		12.9	10.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Lead	244		1.3	0.59	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Magnesium	12400		25.8	10.9	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Manganese	252		1.3	0.36	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Nickel	22.9	^5- J-	6.4	0.32	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Potassium	3840		38.7	31.2	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Selenium	ND		5.2	1.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Silver	ND	^5- R	0.77	0.26	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Sodium	370		180	79.0	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Thallium	ND		7.7	0.98	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Vanadium	29.3		0.64	0.17	mg/Kg	☼	06/23/25 14:47	06/24/25 12:36	1
Zinc	329	^5- J-	12.9	6.6	mg/Kg	☼	06/23/25 14:47	06/24/25 15:57	5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.18		0.026	0.0060	mg/Kg	☼	06/24/25 09:16	06/24/25 11:05	1

Client Sample ID: TP-8
Lab Sample ID: 480-230533-8
Date Collected: 06/20/25 13:20
Matrix: Solid
Date Received: 06/21/25 09:30

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	25	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1221	ND		50	30	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1232	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1242	ND		50	19	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1248	ND		50	17	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1254	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:45	1
Aroclor-1260	ND		50	21	ug/Kg		07/07/25 09:59	07/08/25 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*66*		*10 - 149*	*07/07/25 09:59*	*07/08/25 17:45*	*1*
DCB Decachlorobiphenyl	*83*		*10 - 174*	*07/07/25 09:59*	*07/08/25 17:45*	*1*

Client Sample ID: TP-8
Date Collected: 06/20/25 13:20
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-8
Matrix: Solid
Percent Solids: 76.7

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.4	0.46	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,1,2,2-Tetrachloroethane	ND	vs	6.4	1.0	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,1,2-Trichloroethane	ND	vs	6.4	0.83	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	vs	6.4	1.5	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,1-Dichloroethane	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,1-Dichloroethene	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2,4-Trichlorobenzene	ND	vs	6.4	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2-Dibromo-3-Chloropropane	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2-Dichlorobenzene	ND	vs	6.4	0.50	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2-Dichloroethane	ND	vs	6.4	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2-Dichloropropane	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,3-Dichlorobenzene	ND	vs	6.4	0.33	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,4-Dichlorobenzene	ND	vs	6.4	0.90	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
2-Butanone (MEK)	ND	vs	32	2.3	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
2-Hexanone	ND	vs	32	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
4-Methyl-2-pentanone (MIBK)	ND	vs	32	2.1	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Acetone	ND	vs	32	5.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Benzene	ND	vs	6.4	0.31	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Bromodichloromethane	ND	vs	6.4	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Bromoform	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Bromomethane	ND	vs	6.4	0.58	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Carbon disulfide	ND	vs	6.4	3.2	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Carbon tetrachloride	ND	vs	6.4	0.62	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Chlorobenzene	ND	vs	6.4	0.85	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Dibromochloromethane	ND	vs	6.4	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Chloroethane	ND	vs	6.4	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Chloroform	ND	vs	6.4	0.40	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Chloromethane	ND	vs	6.4	0.39	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
cis-1,2-Dichloroethene	ND	vs	6.4	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
cis-1,3-Dichloropropene	ND	vs	6.4	0.92	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Cyclohexane	ND	*+ vs	6.4	0.90	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Dichlorodifluoromethane	ND	vs	6.4	0.53	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Ethylbenzene	ND	vs	6.4	0.44	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
1,2-Dibromoethane	ND	vs	6.4	0.82	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Isopropylbenzene	ND	vs	6.4	0.97	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Methyl acetate	ND	vs	32	3.9	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Methyl tert-butyl ether	ND	vs	6.4	0.63	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Methylcyclohexane	ND	vs	6.4	0.97	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Methylene Chloride	ND	vs	6.4	2.9	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Styrene	ND	vs	6.4	0.32	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Tetrachloroethene	ND	vs	6.4	0.86	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Toluene	ND	vs	6.4	0.48	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
trans-1,2-Dichloroethene	ND	vs	6.4	0.66	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
trans-1,3-Dichloropropene	ND	vs	6.4	2.8	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Trichloroethene	ND	vs	6.4	1.4	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Trichlorofluoromethane	ND	vs	6.4	0.61	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Vinyl chloride	ND	vs	6.4	0.78	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	06/23/25 19:17	06/24/25 04:28	1

Client Sample ID: TP-8
Date Collected: 06/20/25 13:20
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-8
Matrix: Solid
Percent Solids: 76.7

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 125*	*06/23/25 19:17*	*06/24/25 04:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*108*		*64 - 126*	*06/23/25 19:17*	*06/24/25 04:28*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 126*	*06/23/25 19:17*	*06/24/25 04:28*	*1*
Dibromofluoromethane (Surr)	*102*		*60 - 140*	*06/23/25 19:17*	*06/24/25 04:28*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Biphenyl	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
bis (2-chloroisopropyl) ether	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4,5-Trichlorophenol	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4,6-Trichlorophenol	ND		210	32	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4-Dichlorophenol	ND		210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4-Dimethylphenol	ND		210	45	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4-Dinitrophenol	ND		2100	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,4-Dinitrotoluene	ND		210	29	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2,6-Dinitrotoluene	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Chloronaphthalene	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Chlorophenol	ND		210	33	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Methylphenol	ND		210	34	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Methylnaphthalene	**46**	**J**	210	33	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Nitroaniline	ND		410	36	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
2-Nitrophenol	ND		210	24	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
3,3'-Dichlorobenzidine	ND		410	62	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
3-Nitroaniline	ND		410	30	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4,6-Dinitro-2-methylphenol	ND		410	47	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Bromophenyl phenyl ether	ND		210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Chloro-3-methylphenol	ND		210	44	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Chloroaniline	ND		210	30	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Chlorophenyl phenyl ether	ND		210	45	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Methylphenol	ND		410	38	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Nitroaniline	ND		410	31	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
4-Nitrophenol	ND		410	58	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Acenaphthene	**43**	**J**	210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Acenaphthylene	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Acetophenone	ND		210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Anthracene	**110**	**J**	210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Atrazine	ND		210	72	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzaldehyde	ND		210	160	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzo[a]anthracene	**170**	**J**	210	29	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzo[a]pyrene	**140**	**J**	210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzo[b]fluoranthene	**170**	**J**	210	28	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzo[g,h,i]perylene	**78**	**J**	210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Benzo[k]fluoranthene	**75**	**J**	210	48	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Bis(2-chloroethoxy)methane	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Bis(2-chloroethyl)ether	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Bis(2-ethylhexyl) phthalate	ND		210	46	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Butyl benzyl phthalate	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Caprolactam	ND		210	49	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Carbazole	**63**	**J**	210	42	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Chrysene	**170**	**J**	210	51	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1

Client Sample ID: TP-8
Date Collected: 06/20/25 13:20
Date Received: 06/21/25 09:30

Lab Sample ID: 480-230533-8
Matrix: Solid
Percent Solids: 76.7

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		210	43	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Di-n-butyl phthalate	ND		210	48	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Di-n-octyl phthalate	ND		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Dibenzofuran	**47**	**J**	210	37	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Diethyl phthalate	ND		210	38	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Dimethyl phthalate	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Fluoranthene	**420**		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Fluorene	**48**	**J**	210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Hexachlorobenzene	ND		210	41	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Hexachlorobutadiene	ND		210	32	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Hexachlorocyclopentadiene	ND		410	93	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Hexachloroethane	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Indeno[1,2,3-cd]pyrene	**66**	**J**	210	32	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Isophorone	ND		210	44	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
N-Nitrosodi-n-propylamine	ND		210	48	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
N-Nitrosodiphenylamine	ND		210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Naphthalene	**70**	**J**	210	35	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Nitrobenzene	ND		210	36	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Pentachlorophenol	ND		410	68	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Phenanthrene	**400**		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Phenol	ND		210	39	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1
Pyrene	**320**		210	40	ug/Kg	☼	06/24/25 08:10	06/25/25 15:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*95*		*22 - 120*	*06/24/25 08:10*	*06/25/25 15:27*	*1*
Phenol-d5 (Surr)	*90*		*23 - 120*	*06/24/25 08:10*	*06/25/25 15:27*	*1*
p-Terphenyl-d14 (Surr)	*93*		*28 - 124*	*06/24/25 08:10*	*06/25/25 15:27*	*1*
2,4,6-Tribromophenol (Surr)	*89*		*10 - 140*	*06/24/25 08:10*	*06/25/25 15:27*	*1*
2-Fluorobiphenyl (Surr)	*94*		*29 - 120*	*06/24/25 08:10*	*06/25/25 15:27*	*1*
2-Fluorophenol (Surr)	*85*		*18 - 120*	*06/24/25 08:10*	*06/25/25 15:27*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**16000**		12.9	11.1	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Antimony	**1.4**	**J**	19.3	0.68	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Arsenic	**2.9**		2.6	1.1	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Barium	**95.1**		0.64	0.18	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Beryllium	**0.67**	**^5- J-**	0.26	0.051	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Cadmium	**0.25**	**J**	0.26	0.090	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Calcium	**24700**		64.3	34.7	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Chromium	**21.3**		0.64	0.46	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Cobalt	**8.5**		0.64	0.13	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Copper	**21.4**		1.3	0.73	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Iron	**18100**		12.9	10.9	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Lead	**89.5**		1.3	0.59	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Magnesium	**10700**		25.7	10.9	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Manganese	**224**		1.3	0.36	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Nickel	**21.6**	**^5- J-**	6.4	0.32	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Potassium	**3480**		38.6	31.1	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Selenium	**1.1**	**J**	5.1	1.0	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1

Client Sample ID: TP-8
Lab Sample ID: 480-230533-8

Date Collected: 06/20/25 13:20
Matrix: Solid

Date Received: 06/21/25 09:30
Percent Solids: 76.7

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND	^5- R	0.77	0.26	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Sodium	**321**		180	78.8	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Thallium	ND		7.7	0.98	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Vanadium	**27.4**		0.64	0.17	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1
Zinc	**81.1**	**^5- J-**	2.6	1.3	mg/Kg	☼	06/23/25 14:47	06/24/25 13:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.069**		0.026	0.0059	mg/Kg	☼	06/24/25 09:16	06/24/25 11:06	1

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data
for Eurofins Environment Testing America-Buffalo
Job No: 480-230533-1

8 Soil Samples
Collected June 20, 2025

Prepared by: Donald Anné
June 25, 2026

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 applicable compounds were above the method minimums and the %RSDs were below the method maximum, as required.

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 applicable compounds were above the method minimums, as required. The %Ds for 6 compounds (highlighted yellow on attached FORM VII) were above the method maximum on 06-23-25 (M18931.D). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration.

The associated RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 6 compounds (highlighted yellow on attached FORM VII) were above the allowable maximum (20%) on 06-23-25 (M18931.D). Positive results for these compounds should be considered estimated (J) in associated samples.

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: The surrogate recoveries were within control limits for the ground water samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Laboratory Control Sample: The percent recovery for cyclohexane was above QC limits for soil sample LCS 480-749760/1-A. Positive results for cyclohexane should be considered estimated, biased high (J+) in associated soil samples.

Compound ID: Checked compound and surrogate results were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Soil samples reported analyte concentrations that were below 200 ug/kg and the samples were not collected per 5035A-L specifications; therefore, positive results for soil samples should be considered estimated, biased low (J-).

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230533-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M18933.D

Lab ID: LCS 480-749760/1-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	50.0	57.9	116	77-121	
1,1,2,2-Tetrachloroethane	50.0	45.5	91	80-120	
1,1,2-Trichloroethane	50.0	45.2	90	78-122	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	57.4	115	60-140	
1,1-Dichloroethane	50.0	58.4	117	73-126	
1,1-Dichloroethene	50.0	56.0	112	59-125	
1,2,4-Trichlorobenzene	50.0	42.5	85	64-120	
1,2-Dibromo-3-Chloropropane	50.0	41.9	84	63-124	
1,2-Dichlorobenzene	50.0	43.8	88	75-120	
1,2-Dichloroethane	50.0	56.9	114	77-122	
1,2-Dichloropropane	50.0	55.8	112	75-124	
1,3-Dichlorobenzene	50.0	44.4	89	74-120	
1,4-Dichlorobenzene	50.0	43.7	87	73-120	
2-Butanone (MEK)	250	305	122	70-134	
2-Hexanone	250	261	104	59-130	
4-Methyl-2-pentanone (MIBK)	250	268	107	65-133	
Acetone	250	273	109	61-137	
Benzene	50.0	54.1	108	79-127	
Bromodichloromethane	50.0	55.1	110	80-122	
Bromoform	50.0	42.0	84	68-126	
Bromomethane	50.0	44.2	88	37-149	
Carbon disulfide	50.0	52.2	104	64-131	
Carbon tetrachloride	50.0	55.7	111	75-135	
Chlorobenzene	50.0	45.2	90	76-124	
Dibromochloromethane	50.0	45.1	90	76-125	
Chloroethane	50.0	48.4	97	69-135	
Chloroform	50.0	54.6	109	80-120	
Chloromethane	50.0	51.6	103	63-127	
cis-1,2-Dichloroethene	50.0	51.3	103	81-120	
cis-1,3-Dichloropropene	50.0	51.8	104	80-120	
Cyclohexane	50.0	67.2	134	65-120	*+
Dichlorodifluoromethane	50.0	46.7	93	57-142	
Ethylbenzene	50.0	48.6	97	80-120	
1,2-Dibromoethane	50.0	41.1	82	78-120	
Isopropylbenzene	50.0	53.6	107	72-120	
Methyl acetate	100	122	122	55-136	
Methyl tert-butyl ether	50.0	50.1	100	63-125	
Methylcyclohexane	50.0	60.4	121	60-140	
Methylene Chloride	50.0	53.6	107	61-127	
Styrene	50.0	44.6	89	80-120	
Tetrachloroethene	50.0	47.4	95	74-122	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Buffalo Job No.: 480-230533-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: M18933.D

Lab ID: LCS 480-749760/1-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Toluene	50.0	48.3	97	74-128	
trans-1,2-Dichloroethene	50.0	54.4	109	78-126	
trans-1,3-Dichloropropene	50.0	44.8	90	73-123	
Trichloroethene	50.0	57.2	114	77-129	
Trichlorofluoromethane	50.0	66.0	132	65-146	
Vinyl chloride	50.0	55.0	110	61-133	

Column to be used to flag recovery and RPD values

FORM III 8260C

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230533-1

SDG No.:

Lab Sample ID: CCVIS 480-749761/2 Calibration Date: 06/23/2025 20:51

Instrument ID: HP5977M Calib Start Date: 06/03/2025 14:02

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 06/03/2025 16:23

Lab File ID: M18931.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	1.394	1.329	0.1000	47.7	50.0	-4.7	50.0
Chloromethane	Ave	1.837	1.935	0.1000	52.7	50.0	5.3	20.0
Vinyl chloride	Ave	1.249	1.385	0.1000	55.5	50.0	10.9	20.0
Butadiene	Ave	1.288	1.526		59.2	50.0	18.5	20.0
Bromomethane	Ave	0.9395	0.8411	0.1000	44.8	50.0	-10.5	50.0
Chloroethane	Ave	0.8357	0.8155	0.1000	48.8	50.0	-2.4	50.0
Trichlorofluoromethane	Ave	1.445	1.891	0.1000	65.4	50.0	30.9*	20.0
Dichlorofluoromethane	Ave	2.079	2.259		54.3	50.0	8.7	20.0
Ethyl ether	Ave	1.126	1.111		49.3	50.0	-1.4	20.0
Acrolein	Ave	0.1448	0.1484		256	250	2.5	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.9767	1.154	0.1000	59.1	50.0	18.2	20.0
1,1-Dichloroethene	Ave	0.8708	0.9810	0.1000	56.3	50.0	12.6	20.0
Acetone	Ave	0.4806	0.6277	0.1000	327	250	30.6	50.0
Iodomethane	Ave	1.886	1.831		48.6	50.0	-2.9	20.0
Carbon disulfide	Ave	3.197	3.409	0.1000	53.3	50.0	6.6	20.0
Allyl chloride	Ave	1.861	2.286		61.4	50.0	22.8*	20.0
Methyl acetate	Ave	1.058	1.265	0.1000	120	100	19.6	50.0
Methylene Chloride	Lin1		1.329	0.1000	52.0	50.0	4.1	20.0
2-Methyl-2-propanol	Ave	0.1683	0.1267		376	500	-24.7	50.0
Methyl tert-butyl ether	Ave	3.669	3.632	0.1000	49.5	50.0	-1.0	20.0
trans-1,2-Dichloroethene	Ave	1.063	1.157	0.1000	54.4	50.0	8.8	20.0
Acrylonitrile	Ave	0.5359	0.6375		595	500	18.9	20.0
Hexane	Ave	1.566	2.073		66.2	50.0	32.4*	20.0
1,1-Dichloroethane	Ave	2.011	2.340	0.2000	58.2	50.0	16.4	20.0
Vinyl acetate	Ave	2.451	2.791		114	100	13.9	20.0
2,2-Dichloropropane	Ave	1.223	1.168		47.8	50.0	-4.5	20.0
cis-1,2-Dichloroethene	Ave	1.266	1.283	0.1000	50.7	50.0	1.4	20.0
2-Butanone (MEK)	Ave	0.6432	0.8206	0.1000	319	250	27.6*	20.0
Chlorobromomethane	Ave	0.6850	0.6470		47.2	50.0	-5.5	20.0
Tetrahydrofuran	Ave	0.4623	0.5454		118	100	18.0	20.0
Chloroform	Ave	2.024	2.191	0.2000	54.1	50.0	8.3	20.0
1,1,1-Trichloroethane	Ave	1.466	1.688	0.1000	57.5	50.0	15.1	20.0
Cyclohexane	Ave	1.900	2.649	0.1000	69.7	50.0	39.5*	20.0
Carbon tetrachloride	Ave	1.160	1.259	0.1000	54.3	50.0	8.5	20.0
1,1-Dichloropropene	Ave	1.260	1.580		62.7	50.0	25.4*	20.0
Benzene	Ave	3.991	4.374	0.5000	54.8	50.0	9.6	20.0
Isobutyl alcohol	Ave	0.0628	0.0547		1090	1250	-12.9	50.0
1,2-Dichloroethane	Ave	1.644	1.882	0.1000	57.2	50.0	14.5	20.0
n-Heptane	Ave	1.493	2.353		78.8	50.0	57.6*	20.0
Trichloroethene	Ave	0.9895	1.188	0.2000	60.0	50.0	20.1*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230533-1

SDG No.:

Lab Sample ID: CCVIS 480-749761/2 Calibration Date: 06/23/2025 20:51

Instrument ID: HP5977M Calib Start Date: 06/03/2025 14:02

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 06/03/2025 16:23

Lab File ID: M18931.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methylcyclohexane	Ave	1.667	2.069	0.1000	62.0	50.0	24.1*	20.0
1,2-Dichloropropane	Ave	1.090	1.233	0.1000	56.6	50.0	13.1	20.0
Dibromomethane	Ave	0.7224	0.7333	0.1000	50.8	50.0	1.5	20.0
1,4-Dioxane	Ave	0.0075	0.0070		924	1000	-7.6	50.0
Bromodichloromethane	Ave	1.262	1.351	0.2000	53.5	50.0	7.0	20.0
2-Chloroethyl vinyl ether	Ave	0.6052	0.7151		59.1	50.0	18.2	20.0
cis-1,3-Dichloropropene	Ave	1.528	1.570	0.2000	51.4	50.0	2.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.6885	0.7561	0.1000	275	250	9.8	20.0
Toluene	Ave	1.227	1.218	0.4000	49.6	50.0	-0.8	20.0
trans-1,3-Dichloropropene	Ave	0.6593	0.5951	0.1000	45.1	50.0	-9.7	20.0
Ethyl methacrylate	Ave	0.6609	0.5694		43.1	50.0	-13.8	20.0
1,1,2-Trichloroethane	Ave	0.4016	0.3745	0.1000	46.6	50.0	-6.7	20.0
Tetrachloroethene	Ave	0.4810	0.4821	0.2000	50.1	50.0	0.2	20.0
1,3-Dichloropropane	Ave	0.7822	0.7400		47.3	50.0	-5.4	20.0
2-Hexanone	Ave	0.4452	0.5088	0.1000	286	250	14.3	20.0
Dibromochloromethane	Ave	0.4751	0.4173	0.1000	43.9	50.0	-12.2	20.0
1,2-Dibromoethane	Ave	0.4840	0.4048		41.8	50.0	-16.4	20.0
Chlorobenzene	Ave	1.457	1.376	0.5000	47.2	50.0	-5.6	20.0
Ethylbenzene	Ave	2.331	2.367	0.1000	50.8	50.0	1.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5305	0.4330		40.8	50.0	-18.4	20.0
m,p-Xylene	Ave	0.9317	0.9179	0.1000	49.3	50.0	-1.5	20.0
o-Xylene	Ave	0.9796	0.9184	0.3000	46.9	50.0	-6.2	20.0
Styrene	Ave	1.594	1.468	0.3000	46.1	50.0	-7.9	20.0
Bromoform	Ave	0.2827	0.2327	0.1000	41.2	50.0	-17.7	50.0
Isopropylbenzene	Ave	2.077	2.279	0.1000	54.9	50.0	9.8	20.0
Bromobenzene	Ave	0.6289	0.5706		45.4	50.0	-9.3	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7077	0.6448	0.3000	45.6	50.0	-8.9	20.0
N-Propylbenzene	Ave	2.612	2.875		55.0	50.0	10.1	20.0
1,2,3-Trichloropropane	Ave	0.2238	0.2145		47.9	50.0	-4.2	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2084	0.1998		47.9	50.0	-4.1	50.0
2-Chlorotoluene	Ave	0.5951	0.5900		49.6	50.0	-0.9	20.0
1,3,5-Trimethylbenzene	Ave	1.993	2.137		53.6	50.0	7.3	20.0
4-Chlorotoluene	Ave	0.6002	0.5918		49.3	50.0	-1.4	20.0
tert-Butylbenzene	Ave	0.4141	0.4550		54.9	50.0	9.9	20.0
1,2,4-Trimethylbenzene	Ave	2.118	2.194		51.8	50.0	3.6	20.0
sec-Butylbenzene	Ave	2.420	2.711		56.0	50.0	12.0	20.0
1,3-Dichlorobenzene	Ave	1.231	1.146	0.6000	46.5	50.0	-7.0	20.0
4-Isopropyltoluene	Ave	2.206	2.435		55.2	50.0	10.3	20.0
1,4-Dichlorobenzene	Ave	1.267	1.153	0.5000	45.5	50.0	-9.0	20.0
n-Butylbenzene	Ave	1.928	2.180		56.5	50.0	13.1	20.0
1,2-Dichlorobenzene	Ave	1.270	1.155	0.4000	45.5	50.0	-9.1	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230533-1

SDG No.:

Lab Sample ID: CCVIS 480-749761/2 Calibration Date: 06/23/2025 20:51

Instrument ID: HP5977M Calib Start Date: 06/03/2025 14:02

GC Column: ZB-624 (30) VOA ID: 0.25(mm) Calib End Date: 06/03/2025 16:23

Lab File ID: M18931.D Conc. Units: ug/L Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Dibromo-3-Chloropropane	Ave	0.1316	0.1111	0.0500	42.2	50.0	-15.5	50.0
1,2,4-Trichlorobenzene	Ave	0.9343	0.8406	0.2000	45.0	50.0	-10.0	20.0
Hexachlorobutadiene	Ave	0.3826	0.3814		49.8	50.0	-0.3	20.0
Naphthalene	Ave	2.636	2.454		46.6	50.0	-6.9	20.0
1,2,3-Trichlorobenzene	Ave	0.9217	0.8323		45.1	50.0	-9.7	20.0
Dibromofluoromethane (Surr)	Ave	1.399	1.390		49.6	50.0	-0.7	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.7577	0.7911		52.2	50.0	4.4	20.0
Toluene-d8 (Surr)	Ave	2.406	2.214		46.0	50.0	-8.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.7398	0.6865		46.4	50.0	-7.2	20.0

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D Semi-Volatiles Data for Eurofins TestAmerica-Buffalo, Job No: 480-230533-1

8 Soil Samples
Collected June 20, 2025

Prepared by: Donald Anné
June 25, 2026

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 RRFs for applicable compounds were above the method minimums and the %RSDs were below the method maximum, as required.

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 applicable compounds were above the method minimums, as required. The %DS for benzaldehyde, hexachlorocyclopentadiene, and 4,6-dinitro-2-methylphenol were above the method maximum on 06-25-25 (V3172328.D). No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration.

The associated RRFs for target compounds were above the allowable minimum (0.010), as required.

The %DS for benzaldehyde, hexachlorocyclopentadiene, and 4,6-dinitro-2-methylphenol were above the allowable maximum (20%) on 06-25-25 (V3172328.D). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analyses of 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: The surrogate recoveries were within control limits for the soil samples.

Laboratory Control Sample: The percent recoveries for target compounds were within QC limits for soil sample LCS 480-749787/2-A.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Compound ID: Checked compounds and surrogates were within quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230533-1

SDG No.:

Lab Sample ID: CCVIS 480-749964/3 Calibration Date: 06/25/2025 09:22

Instrument ID: HP5973V Calib Start Date: 05/01/2025 10:12

GC Column: RXI-5Sil MS ID: 0.25(mm) Calib End Date: 05/01/2025 13:24

Lab File ID: V3172328.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6623	0.6443	0.0100	38900	40000	-2.7	20.0
N-Nitrosodimethylamine	Ave	1.065	1.058	0.0100	39700	40000	-0.7	50.0
Pyridine	Ave	1.236	1.256	0.0100	81300	80000	1.6	50.0
Benzaldehyde	Lin2		1.116	0.0100	27600	40000	-31.0	50.0
Aniline	Ave	2.385	2.416	0.0100	40500	40000	1.3	20.0
Phenol	Ave	2.018	2.056	0.8000	40700	40000	1.9	20.0
Bis(2-chloroethyl)ether	Ave	1.473	1.451	0.7000	39400	40000	-1.5	20.0
2-Chlorophenol	Ave	1.307	1.334	0.8000	40800	40000	2.0	20.0
n-Decane	Ave	1.766	1.807	0.0100	40900	40000	2.3	20.0
1,3-Dichlorobenzene	Ave	1.531	1.537	0.0100	40200	40000	0.4	20.0
1,4-Dichlorobenzene	Ave	1.566	1.551	0.0100	39600	40000	-1.0	20.0
Benzyl alcohol	Ave	0.9349	0.9563	0.0100	40900	40000	2.3	20.0
1,2-Dichlorobenzene	Ave	1.465	1.452	0.0100	39600	40000	-0.9	20.0
Indene	Ave	0.6975	0.7122	0.0100	245000	240000	2.1	20.0
2-Methylphenol	Ave	1.302	1.249	0.7000	38400	40000	-4.1	20.0
bis (2-chloroisopropyl) ether	Ave	2.170	2.149	0.0100	39600	40000	-1.0	20.0
Acetophenone	Ave	1.907	1.926	0.0100	40400	40000	1.0	20.0
N-Nitrosodi-n-propylamine	Ave	1.112	1.135	0.5000	40800	40000	2.1	20.0
4-Methylphenol	Ave	1.329	1.346	0.6000	40500	40000	1.3	20.0
Hexachloroethane	Ave	0.5920	0.5749	0.3000	38800	40000	-2.9	20.0
Nitrobenzene	Ave	0.4075	0.4316	0.2000	42400	40000	5.9	20.0
Isophorone	Ave	0.7525	0.8009	0.4000	42600	40000	6.4	20.0
2-Nitrophenol	Lin2		0.1863	0.1000	46600	40000	16.6	20.0
2,4-Dimethylphenol	Ave	0.3546	0.3810	0.2000	43000	40000	7.4	20.0
Bis(2-chloroethoxy)methane	Ave	0.4305	0.4393	0.3000	40800	40000	2.1	20.0
2,4-Dichlorophenol	Ave	0.2734	0.2838	0.2000	41500	40000	3.8	20.0
Benzoic acid	Lin1		0.2837	0.0100	266000	240000	10.8	50.0
1,2,4-Trichlorobenzene	Ave	0.2882	0.2933	0.0100	40700	40000	1.8	20.0
Naphthalene	Ave	0.9845	1.014	0.7000	41200	40000	3.0	20.0
4-Chloroaniline	Ave	0.4164	0.4241	0.0100	40700	40000	1.8	20.0
2,6-Dichlorophenol	Ave	0.2657	0.2783	0.0100	41900	40000	4.7	20.0
Hexachlorobutadiene	Ave	0.1674	0.1779	0.0100	42500	40000	6.3	20.0
Caprolactam	Lin2		0.1541	0.0100	41400	40000	3.4	50.0
4-Chloro-3-methylphenol	Ave	0.2915	0.3230	0.2000	44300	40000	10.8	20.0
2-Methylnaphthalene	Ave	0.5977	0.6280	0.4000	42000	40000	5.1	20.0
1-Methylnaphthalene	Lin2		0.6335	0.0100	42400	40000	5.9	20.0
Hexachlorocyclopentadiene	Lin2		0.2543	0.0500	27000	40000	-32.4*	20.0
1,2,4,5-Tetrachlorobenzene	Ave	0.4848	0.4841	0.0100	39900	40000	-0.2	20.0
2,4,6-Trichlorophenol	Lin2		0.3407	0.2000	42800	40000	7.1	20.0
2,4,5-Trichlorophenol	Ave	0.3438	0.3701	0.2000	43100	40000	7.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo | Job No.: 480-230533-1

SDG No.:

Lab Sample ID: CCVIS 480-749964/3 | Calibration Date: 06/25/2025 09:22

Instrument ID: HP5973V | Calib Start Date: 05/01/2025 10:12

GC Column: RXI-5Sil MS ID: 0.25(mm) | Calib End Date: 05/01/2025 13:24

Lab File ID: V3172328.d | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Biphenyl	Ave	1.384	1.402	0.0100	40500	40000	1.2	20.0
2-Chloronaphthalene	Ave	1.090	1.089	0.8000	40000	40000	-0.0	20.0
2-Nitroaniline	Lin2		0.4054	0.0100	42700	40000	6.7	20.0
Dimethyl phthalate	Ave	1.222	1.261	0.0100	41300	40000	3.2	20.0
1,3-Dinitrobenzene	Lin2		0.1076	0.0100	43500	40000	8.7	20.0
2,6-Dinitrotoluene	Lin2		0.2741	0.2000	41300	40000	3.2	20.0
Acenaphthylene	Ave	1.768	1.826	0.9000	41300	40000	3.3	20.0
3-Nitroaniline	Lin2		0.3268	0.0100	42200	40000	5.6	20.0
Acenaphthene	Ave	1.095	1.090	0.9000	39800	40000	-0.4	20.0
2,4-Dinitrophenol	Qua		0.1394	0.0100	95200	80000	19.0	20.0
4-Nitrophenol	Lin2		0.1884	0.0100	85100	80000	6.4	20.0
Dibenzofuran	Ave	1.500	1.526	0.8000	40700	40000	1.7	20.0
2,4-Dinitrotoluene	Lin2		0.3707	0.2000	41600	40000	4.0	20.0
2,3,4,6-Tetrachlorophenol	Lin2		0.2730	0.0100	44000	40000	10.1	20.0
Diethyl phthalate	Ave	1.218	1.252	0.0100	41100	40000	2.8	20.0
Hexadecane	Ave	0.9266	0.9913	0.0100	42800	40000	7.0	20.0
Fluorene	Ave	1.227	1.267	0.9000	41300	40000	3.3	20.0
4-Chlorophenyl phenyl ether	Ave	0.5704	0.5705	0.4000	40000	40000	0.0	20.0
4-Nitroaniline	Lin2		0.3205	0.0100	41400	40000	3.6	20.0
4,6-Dinitro-2-methylphenol	Lin1		0.1225	0.0100	96300	80000	20.4*	20.0
Diphenylamine	Ave	0.6019	0.6355	0.0100	36100	34200	5.6	20.0
N-Nitrosodiphenylamine	Ave	0.5146	0.5434	0.0100	42200	40000	5.6	20.0
1,2-Diphenylhydrazine	Ave	1.545	1.556	0.0100	40300	40000	0.7	20.0
trans-Azobenzene	Ave	0.9295	0.9518	0.0100	41000	40000	2.4	20.0
4-Bromophenyl phenyl ether	Ave	0.2064	0.2185	0.1000	42300	40000	5.9	20.0
Hexachlorobenzene	Ave	0.2410	0.2486	0.1000	41300	40000	3.1	20.0
Atrazine	Ave	0.4146	0.4407	0.0100	42500	40000	6.3	20.0
Pentachlorophenol	Lin2		0.1384	0.0500	81600	80000	2.0	50.0
n-Octadecane	Lin2		0.5963	0.0100	41900	40000	4.7	20.0
Phenanthrene	Ave	1.052	1.078	0.7000	41000	40000	2.4	20.0
Anthracene	Ave	1.061	1.113	0.7000	41900	40000	4.9	20.0
Carbazole	Ave	0.9631	1.027	0.0100	42600	40000	6.6	20.0
Di-n-butyl phthalate	Lin2		1.286	0.0100	41200	40000	3.0	20.0
Fluoranthene	Lin2		1.105	0.6000	42300	40000	5.9	20.0
Benzidine	Ave	0.9391	0.8357	0.0100	71200	80000	-11.0	50.0
Pyrene	Ave	1.227	1.331	0.6000	43400	40000	8.5	20.0
Butyl benzyl phthalate	Lin2		0.6398	0.0100	41800	40000	4.4	20.0
3,3'-Dichlorobenzidine	Lin2		0.6053	0.0100	81100	80000	1.4	50.0
Benzo[a]anthracene	Lin2		1.316	0.8000	41700	40000	4.2	20.0
Bis(2-ethylhexyl) phthalate	Lin2		0.9227	0.0100	40300	40000	0.6	20.0
Chrysene	Ave	1.218	1.226	0.7000	40300	40000	0.7	20.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Buffalo Job No.: 480-230533-1

SDG No.:

Lab Sample ID: CCVIS 480-749964/3 Calibration Date: 06/25/2025 09:22

Instrument ID: HP5973V Calib Start Date: 05/01/2025 10:12

GC Column: RXI-5Sil MS ID: 0.25(mm) Calib End Date: 05/01/2025 13:24

Lab File ID: V3172328.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Di-n-octyl phthalate	Lin2		1.545	0.0100	40700	40000	1.7	20.0
Benzo[b]fluoranthene	Lin2		1.092	0.7000	41200	40000	2.9	20.0
Benzo[k]fluoranthene	Ave	1.097	1.140	0.7000	41600	40000	3.9	20.0
Benzo[a]pyrene	Ave	0.9497	1.016	0.7000	42800	40000	7.0	20.0
Dibenz(a,h)anthracene	Ave	1.065	1.110	0.4000	41700	40000	4.2	20.0
Indeno[1,2,3-cd]pyrene	Ave	1.287	1.344	0.5000	41800	40000	4.5	20.0
Benzo[g,h,i]perylene	Ave	0.9875	1.034	0.5000	41900	40000	4.7	20.0
2-Fluorophenol (Surr)	Ave	1.404	1.395	0.0100	39700	40000	-0.7	20.0
Phenol-d5 (Surr)	Ave	1.730	1.786	0.0100	41300	40000	3.3	20.0
Nitrobenzene-d5 (Surr)	Ave	0.3867	0.4254	0.0100	44000	40000	10.0	20.0
2-Fluorobiphenyl (Surr)	Ave	1.211	1.220	0.0100	40300	40000	0.7	20.0
2,4,6-Tribromophenol (Surr)	Lin2		0.1358	0.0100	44600	40000	11.6	20.0
p-Terphenyl-d14 (Surr)	Ave	1.055	1.127	0.0100	42700	40000	6.8	20.0

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data for Eurofins TestAmerica-Buffalo, Job No: 480-230533-1

8 Soil Samples
Collected June 20, 2025

Prepared by: Donald Anné
June 25, 2026

Holding Times: Samples were analyzed within the USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for TAL metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Low Level Initial and Continuing Calibration Verification: The percent recoveries for applicable TAL metals were within laboratory QC limits (70-130% for all metals except Hg).

Blanks: The analyses for initial and continuing calibration, and method blanks reported TAL metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable TAL metals were within control limits (80-120%).

Spike Sample Recovery: This data was not provided by the laboratory.

Laboratory Duplicates: This data was not provided by the laboratory.

Linear Range Check Standard: The percent recoveries (%Rs) for beryllium, nickel, and zinc were below QC limits, but not below 30% for sample LRC 480-749862/19. The %R for zinc was below QC limits, but not below 30% for sample LRC 480-749903/19. Positive results for these metals should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated samples.

The %R for silver was below QC limits and below 30% for sample LRC 480-749862/19. Positive results for silver should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated samples.

Laboratory Control Sample: The recoveries for TAL metals were within control limits for soil samples LCSSRM 480-749666/2-A and LCSSRM 480-749685/2-A.

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Serial Dilution: This data was not provided by the laboratory.

Instrument Detection Limits: The IDLs were at or below the MRLs, as required.

Percent Solids: The percent solids for soil samples were greater than 50%.

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 480-749862/19

Lab Name: Eurofins Buffalo Job No.: 480-230533-1

Sample Matrix: LCS Source: LRC_00019

Analyte	(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	600	592.5		99	90	110		6010D
Antimony	5.00	4.69		94	90	110		6010D
Arsenic	5.00	4.99		100	90	110		6010D
Barium	20.0	19.32		97	90	110		6010D
Beryllium	25.0	22.22		89	90	110	^5-	6010D
Cadmium	5.00	4.88		98	90	110		6010D
Calcium	700	640.6		92	90	110		6010D
Chromium	10.0	9.15		91	90	110		6010D
Cobalt	20.0	19.98		100	90	110		6010D
Copper	8.00	8.34		104	90	110		6010D
Iron	600	553.1		92	90	110		6010D
Lead	40.0	39.55		99	90	110		6010D
Magnesium	400	387.8		97	90	110		6010D
Manganese	40.0	35.92		90	90	110		6010D
Nickel	10.0	8.68		87	90	110	^5-	6010D
Potassium	500	504.7		101	90	110		6010D
Selenium	40.0	39.53		99	90	110		6010D
Silver	3.00	0.862		29	90	110	^5-	6010D
Sodium	806	783.2		97	90	110		6010D
Sodium	806	794.6		99	90	110		6010D
Thallium	20.0	19.30		96	90	110		6010D
Vanadium	5.00	4.58		92	90	110		6010D
Zinc	20.0	17.10		86	90	110	^5-	6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

7A-IN
LINEAR RANGE CHECK STANDARD
METALS

Lab ID: LRC 480-749903/19

Lab Name: Eurofins Buffalo Job No.: 480-230533-1

Sample Matrix: LCS Source: LRC_00019

Analyte	(mg/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	600	592.5		99	90	110		6010D
Antimony	5.00	4.69		94	90	110		6010D
Arsenic	5.00	4.99		100	90	110		6010D
Barium	20.0	19.32		97	90	110		6010D
Cadmium	5.00	4.88		98	90	110		6010D
Calcium	700	640.6		92	90	110		6010D
Chromium	10.0	9.15		91	90	110		6010D
Cobalt	20.0	19.98		100	90	110		6010D
Copper	8.00	8.34		104	90	110		6010D
Lead	40.0	39.55		99	90	110		6010D
Magnesium	400	387.8		97	90	110		6010D
Potassium	500	504.7		101	90	110		6010D
Selenium	40.0	39.53		99	90	110		6010D
Sodium	806	783.2		97	90	110		6010D
Sodium	806	794.6		99	90	110		6010D
Thallium	20.0	19.30		96	90	110		6010D
Vanadium	5.00	4.58		92	90	110		6010D
Zinc	20.0	17.10		86	90	110	^5-	6010D

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA - IN

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8082A PCB Data for
Eurofins TestAmerica-Buffalo, Job No. 480-230533-1

8 Soil Samples
Collected June 20, 2025

Prepared by: Donald Anné
June 25, 2026

Holding Times: Samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported target PCBs as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Laboratory Control Sample: The percent recoveries for PCB-1016 and PCB-1260 were within QC limits for soil sample LCS 240-662686/2-A.

Initial Calibration: The average %RSDs for target PCBs were below the allowable maximum (20%) and average Rs squared were above the allowable minimum (0.9900) on both columns, as required.

Continuing Calibration: The average %Ds for target PCBs were below the allowable maximum (20%), as required.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits on both columns.

PCB Identification Summary: Checked surrogates were within GC quantitation limits. The analyses of the soil samples reported target aroclors as not detected.

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L2578222

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2578222

8 Soil Samples and 1 Pit Water Sample
Collected December 9, 2025

Prepared by: Donald Anné
June 25, 2026

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, semi-volatile, gasoline range organics, diesel range organics, and RCRA metal analyses for 1 pit water sample, and the results of semi-volatile and RCRA metal analyses for 8 soil samples.

The overall performances of the analyses are acceptable. Pace Analytical Services 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 "not detected" volatile result for 1,4-dioxane was qualified as "rejected, unusable" (R) for sample 705-PIT-WATER because the RRF for 1,4-dioxane was below the allowable minimum in the associated continuing calibration verification sample.

- The "not detected" semi-volatile result for benzoic acid was qualified as "rejected, unusable" (R) for sample 705-PIT-WATER because the 2 of 2 percent recoveries for benzoic acid were below QC limits and below 30% in the associated aqueous LCS/LCSD.

- The positive metal results for barium were qualified as estimated, biased low (J-) for all 8 soil samples because the percent recovery for barium was below control limits, but not below 10% in the associated soil batch spike sample.

- The positive metal results for lead were qualified as estimated, biased low (J-) for all 8 soil samples because the percent recovery for lead was below control limits and below 10% in the associated soil batch spike sample.

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- The positive metal results for mercury were qualified as estimated (J) for all 8 soil samples because the relative percent difference for mercury was above the allowable maximum in the associated soil batch duplicate sample.

All data that are not qualified rejected (R) are considered usable with estimated (J- or J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09D	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 13:22
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22251210A16	Instrument ID	: VOA122
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	50	14.	U
75-34-3	1,1-Dichloroethane	ND	50	14.	U
67-66-3	Chloroform	ND	50	14.	U
56-23-5	Carbon tetrachloride	ND	10	2.7	U
78-87-5	1,2-Dichloropropane	ND	20	2.7	U
124-48-1	Dibromochloromethane	ND	10	3.0	U
79-00-5	1,1,2-Trichloroethane	ND	30	10.	U
127-18-4	Tetrachloroethene	ND	10	3.6	U
108-90-7	Chlorobenzene	ND	50	14.	U
75-69-4	Trichlorofluoromethane	ND	50	14.	U
107-06-2	1,2-Dichloroethane	ND	10	2.6	U
71-55-6	1,1,1-Trichloroethane	ND	50	14.	U
75-27-4	Bromodichloromethane	ND	10	3.8	U
10061-02-6	trans-1,3-Dichloropropene	ND	10	3.3	U
10061-01-5	cis-1,3-Dichloropropene	ND	10	2.9	U
542-75-6	1,3-Dichloropropene, Total	ND	10	2.9	U
75-25-2	Bromoform	ND	40	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	3.3	U
71-43-2	Benzene	ND	10	3.2	U
108-88-3	Toluene	ND	50	14.	U
100-41-4	Ethylbenzene	ND	50	14.	U
74-87-3	Chloromethane	ND	50	14.	U
74-83-9	Bromomethane	ND	50	14.	U
75-01-4	Vinyl chloride	ND	20	1.4	U
75-00-3	Chloroethane	ND	50	14.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09D	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 13:22
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22251210A16	Instrument ID	: VOA122
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-35-4	1,1-Dichloroethene	ND	10	3.4	U
156-60-5	trans-1,2-Dichloroethene	ND	50	14.	U
79-01-6	Trichloroethene	ND	10	3.5	U
95-50-1	1,2-Dichlorobenzene	ND	50	14.	U
541-73-1	1,3-Dichlorobenzene	ND	50	14.	U
106-46-7	1,4-Dichlorobenzene	ND	50	14.	U
1634-04-4	Methyl tert butyl ether	ND	50	3.3	U
179601-23-1	p/m-Xylene	ND	50	14.	U
95-47-6	o-Xylene	ND	50	14.	U
1330-20-7	Xylenes, Total	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	14.	U
540-59-0	1,2-Dichloroethene, Total	ND	50	14.	U
100-42-5	Styrene	ND	50	14.	U
75-71-8	Dichlorodifluoromethane	ND	100	20.	U
67-64-1	Acetone	250	100	29.	
75-15-0	Carbon disulfide	ND	100	20.	U
78-93-3	2-Butanone	ND	100	39.	U
108-10-1	4-Methyl-2-pentanone	ND	100	20.	U
591-78-6	2-Hexanone	ND	100	20.	U
74-97-5	Bromochloromethane	ND	50	14.	U
106-93-4	1,2-Dibromoethane	ND	40	13.	U
104-51-8	n-Butylbenzene	ND	50	14.	U
135-98-8	sec-Butylbenzene	ND	50	14.	U
98-06-6	tert-Butylbenzene	ND	50	14.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	50	14.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09D	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 13:22
Sample Matrix	: WATER	Dilution Factor	: 20
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V22251210A16	Instrument ID	: VOA122
Sample Amount	: 0.5 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
98-82-8	Isopropylbenzene	ND	50	14.	U	
99-87-6	p-Isopropyltoluene	ND	50	14.	U	
91-20-3	Naphthalene	ND	50	14.	U	
103-65-1	n-Propylbenzene	ND	50	14.	U	
87-61-6	1,2,3-Trichlorobenzene	ND	50	14.	U	
120-82-1	1,2,4-Trichlorobenzene	ND	50	14.	U	
108-67-8	1,3,5-Trimethylbenzene	ND	50	14.	U	
95-63-6	1,2,4-Trimethylbenzene	ND	50	14.	U	
79-20-9	Methyl Acetate	ND	40	4.7	U	
110-82-7	Cyclohexane	ND	200	5.4	U	
123-91-1	1,4-Dioxane	ND	5000	1200	U	R
76-13-1	Freon-113	ND	50	14.	U	
108-87-2	Methyl cyclohexane	ND	200	7.9	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-01	Date Collected	: 12/09/25 09:40
Client ID	: TP-9	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:20
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-01	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
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	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	55.	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	190	120	24.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	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	220	21.	U
87-68-3	Hexachlorobutadiene	ND	210	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	590	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	ND	210	25.	U
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	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U
85-68-7	Butyl benzyl phthalate	ND	210	52.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-01	Date Collected	: 12/09/25 09:40
Client ID	: TP-9	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:20
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-01	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	39.	U
117-84-0	Di-n-octylphthalate	ND	210	71.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	180	120	23.	
50-32-8	Benzo(a)pyrene	300	170	51.	
205-99-2	Benzo(b)fluoranthene	440	120	35.	
207-08-9	Benzo(k)fluoranthene	140	120	33.	
218-01-9	Chrysene	230	120	22.	
208-96-8	Acenaphthylene	ND	170	32.	U
120-12-7	Anthracene	42	120	40.	J
191-24-2	Benzo(ghi)perylene	750	170	24.	
86-73-7	Fluorene	ND	210	20.	U
85-01-8	Phenanthrene	71	120	25.	J
53-70-3	Dibenzo(a,h)anthracene	120	120	24.	
193-39-5	Indeno(1,2,3-cd)pyrene	380	170	29.	
129-00-0	Pyrene	160	120	21.	
92-52-4	Biphenyl	ND	470	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	39.	U
100-01-6	4-Nitroaniline	ND	210	86.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-01	Date Collected	: 12/09/25 09:40
Client ID	: TP-9	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:20
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-01	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
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	ND	250	25.	U
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	120	39.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	24.	U
120-83-2	2,4-Dichlorophenol	ND	190	33.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	78.	U
100-02-7	4-Nitrophenol	ND	290	85.	U
51-28-5	2,4-Dinitrophenol	ND	1000	97.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	31.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	32.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	ND	210	20.	U
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	270	56.	U
105-60-2	Caprolactam	ND	210	63.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-01	Date Collected	: 12/09/25 09:40
Client ID	: TP-9	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:20
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-01	Analyst	: JG
Sample Amount	: 30.17 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
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	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-02	Date Collected	: 12/09/25 10:20
Client ID	: TP-10	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:23
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-02	Analyst	: MRG
Sample Amount	: 30.48 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	190	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	37.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	46	110	21.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	64.	U
85-68-7	Butyl benzyl phthalate	ND	190	47.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-02	Date Collected	: 12/09/25 10:20
Client ID	: TP-10	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:23
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-02	Analyst	: MRG
Sample Amount	: 30.48 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	190	35.	U
117-84-0	Di-n-octylphthalate	ND	190	63.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	39.	U
56-55-3	Benzo(a)anthracene	39	110	21.	J
50-32-8	Benzo(a)pyrene	ND	150	46.	U
205-99-2	Benzo(b)fluoranthene	53	110	31.	J
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	42	110	19.	J
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	37	150	22.	J
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	24	110	23.	J
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	33	150	26.	J
129-00-0	Pyrene	46	110	18.	J
92-52-4	Biphenyl	ND	420	24.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	35.	U
100-01-6	4-Nitroaniline	ND	190	77.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-02	Date Collected	: 12/09/25 10:20
Client ID	: TP-10	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:23
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-02	Analyst	: MRG
Sample Amount	: 30.48 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	19.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	900	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	250	50.	U
105-60-2	Caprolactam	ND	190	57.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-02	Date Collected	: 12/09/25 10:20
Client ID	: TP-10	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:23
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-02	Analyst	: MRG
Sample Amount	: 30.48 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 88
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	190	38.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-03	Date Collected	: 12/09/25 10:45
Client ID	: TP-11	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:47
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-03	Analyst	: MRG
Sample Amount	: 30.66 g	Instrument ID	: SV109
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	60	160	21.	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	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	1500	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	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	54	200	24.	J
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	69.	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	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-03	Date Collected	: 12/09/25 10:45
Client ID	: TP-11	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:47
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-03	Analyst	: MRG
Sample Amount	: 30.66 g	Instrument ID	: SV109
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	38.	U
117-84-0	Di-n-octylphthalate	ND	200	68.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	800	120	22.	
50-32-8	Benzo(a)pyrene	770	160	49.	
205-99-2	Benzo(b)fluoranthene	1100	120	34.	
207-08-9	Benzo(k)fluoranthene	280	120	32.	
218-01-9	Chrysene	830	120	21.	
208-96-8	Acenaphthylene	78	160	31.	J
120-12-7	Anthracene	170	120	39.	
191-24-2	Benzo(ghi)perylene	640	160	24.	
86-73-7	Fluorene	50	200	19.	J
85-01-8	Phenanthrene	810	120	24.	
53-70-3	Dibenzo(a,h)anthracene	140	120	23.	
193-39-5	Indeno(1,2,3-cd)pyrene	600	160	28.	
129-00-0	Pyrene	1200	120	20.	
92-52-4	Biphenyl	ND	460	26.	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	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-03	Date Collected	: 12/09/25 10:45
Client ID	: TP-11	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:47
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-03	Analyst	: MRG
Sample Amount	: 30.66 g	Instrument ID	: SV109
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	41	200	19.	J
91-57-6	2-Methylnaphthalene	24	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	75.	U
100-02-7	4-Nitrophenol	ND	280	82.	U
51-28-5	2,4-Dinitrophenol	ND	960	93.	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	130	200	19.	J
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	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-03	Date Collected	: 12/09/25 10:45
Client ID	: TP-11	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:47
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-03	Analyst	: MRG
Sample Amount	: 30.66 g	Instrument ID	: SV109
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	40.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-04	Date Collected	: 12/09/25 11:15
Client ID	: TP-12	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:44
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-04	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	35	170	22.	J
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	55.	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	990	120	24.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	35.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	21.	U
87-68-3	Hexachlorobutadiene	ND	210	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	590	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	66	210	25.	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	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U
85-68-7	Butyl benzyl phthalate	ND	210	52.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-04	Date Collected	: 12/09/25 11:15
Client ID	: TP-12	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:44
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-04	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	39.	U
117-84-0	Di-n-octylphthalate	ND	210	71.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	570	120	23.	
50-32-8	Benzo(a)pyrene	500	170	51.	
205-99-2	Benzo(b)fluoranthene	680	120	35.	
207-08-9	Benzo(k)fluoranthene	200	120	33.	
218-01-9	Chrysene	580	120	22.	
208-96-8	Acenaphthylene	73	170	32.	J
120-12-7	Anthracene	140	120	40.	
191-24-2	Benzo(ghi)perylene	280	170	24.	
86-73-7	Fluorene	43	210	20.	J
85-01-8	Phenanthrene	620	120	25.	
53-70-3	Dibenzo(a,h)anthracene	76	120	24.	J
193-39-5	Indeno(1,2,3-cd)pyrene	290	170	29.	
129-00-0	Pyrene	860	120	21.	
92-52-4	Biphenyl	ND	470	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	39.	U
100-01-6	4-Nitroaniline	ND	210	86.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-04	Date Collected	: 12/09/25 11:15
Client ID	: TP-12	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:44
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-04	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	30	210	20.	J
91-57-6	2-Methylnaphthalene	37	250	25.	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	120	39.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	24.	U
120-83-2	2,4-Dichlorophenol	ND	190	33.	U
105-67-9	2,4-Dimethylphenol	ND	210	68.	U
88-75-5	2-Nitrophenol	ND	450	78.	U
100-02-7	4-Nitrophenol	ND	290	85.	U
51-28-5	2,4-Dinitrophenol	ND	1000	97.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	31.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	32.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	52	210	20.	J
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	270	56.	U
105-60-2	Caprolactam	ND	210	63.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-04	Date Collected	: 12/09/25 11:15
Client ID	: TP-12	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:44
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 8222-04	Analyst	: JG
Sample Amount	: 30.24 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
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	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-05	Date Collected	: 12/09/25 11:45
Client ID	: TP-13	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:19
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-05	Analyst	: JG
Sample Amount	: 30.14 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	120	170	22.	J
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	55.	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	740	120	24.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	35.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	21.	U
87-68-3	Hexachlorobutadiene	ND	210	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	590	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	65	210	25.	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	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U
85-68-7	Butyl benzyl phthalate	ND	210	52.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-05	Date Collected	: 12/09/25 11:45
Client ID	: TP-13	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:19
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-05	Analyst	: JG
Sample Amount	: 30.14 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	39.	U
117-84-0	Di-n-octylphthalate	ND	210	70.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	410	120	23.	
50-32-8	Benzo(a)pyrene	310	170	51.	
205-99-2	Benzo(b)fluoranthene	400	120	35.	
207-08-9	Benzo(k)fluoranthene	120	120	33.	
218-01-9	Chrysene	370	120	22.	
208-96-8	Acenaphthylene	35	170	32.	J
120-12-7	Anthracene	290	120	40.	
191-24-2	Benzo(ghi)perylene	150	170	24.	J
86-73-7	Fluorene	120	210	20.	J
85-01-8	Phenanthrene	890	120	25.	
53-70-3	Dibenzo(a,h)anthracene	41	120	24.	J
193-39-5	Indeno(1,2,3-cd)pyrene	150	170	29.	J
129-00-0	Pyrene	610	120	21.	
92-52-4	Biphenyl	ND	470	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	39.	U
100-01-6	4-Nitroaniline	ND	210	86.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-05	Date Collected	: 12/09/25 11:45
Client ID	: TP-13	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:19
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-05	Analyst	: JG
Sample Amount	: 30.14 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	90	210	20.	J
91-57-6	2-Methylnaphthalene	54	250	25.	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	120	39.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	24.	U
120-83-2	2,4-Dichlorophenol	ND	190	33.	U
105-67-9	2,4-Dimethylphenol	ND	210	68.	U
88-75-5	2-Nitrophenol	ND	450	78.	U
100-02-7	4-Nitrophenol	ND	290	85.	U
51-28-5	2,4-Dinitrophenol	ND	1000	97.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	31.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	32.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	98	210	20.	J
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	270	56.	U
105-60-2	Caprolactam	ND	210	63.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-05	Date Collected	: 12/09/25 11:45
Client ID	: TP-13	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:19
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-05	Analyst	: JG
Sample Amount	: 30.14 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 80
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	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-06	Date Collected	: 12/09/25 12:30
Client ID	: TP-14	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:44
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-06	Analyst	: JG
Sample Amount	: 30.09 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	25.	U
91-58-7	2-Chloronaphthalene	ND	190	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	37.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	470	110	21.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U
85-68-7	Butyl benzyl phthalate	ND	190	47.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-06	Date Collected	: 12/09/25 12:30
Client ID	: TP-14	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:44
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-06	Analyst	: JG
Sample Amount	: 30.09 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	190	35.	U
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	39.	U
56-55-3	Benzo(a)anthracene	310	110	21.	
50-32-8	Benzo(a)pyrene	270	150	46.	
205-99-2	Benzo(b)fluoranthene	340	110	31.	
207-08-9	Benzo(k)fluoranthene	120	110	30.	
218-01-9	Chrysene	300	110	19.	
208-96-8	Acenaphthylene	40	150	29.	J
120-12-7	Anthracene	84	110	36.	J
191-24-2	Benzo(ghi)perylene	160	150	22.	
86-73-7	Fluorene	18	190	18.	J
85-01-8	Phenanthrene	250	110	23.	
53-70-3	Dibenzo(a,h)anthracene	44	110	22.	J
193-39-5	Indeno(1,2,3-cd)pyrene	160	150	26.	
129-00-0	Pyrene	410	110	18.	
92-52-4	Biphenyl	ND	430	24.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	35.	U
100-01-6	4-Nitroaniline	ND	190	77.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-06	Date Collected	: 12/09/25 12:30
Client ID	: TP-14	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:44
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-06	Analyst	: JG
Sample Amount	: 30.09 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	400	70.	U
100-02-7	4-Nitrophenol	ND	260	76.	U
51-28-5	2,4-Dinitrophenol	ND	900	87.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	25	190	18.	J
1912-24-9	Atrazine	ND	150	65.	U
100-52-7	Benzaldehyde	ND	250	50.	U
105-60-2	Caprolactam	ND	190	57.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-06	Date Collected	: 12/09/25 12:30
Client ID	: TP-14	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:44
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-06	Analyst	: JG
Sample Amount	: 30.09 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
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	190	38.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-07	Date Collected	: 12/09/25 13:00
Client ID	: TP-15	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:25
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-07	Analyst	: MRG
Sample Amount	: 30.42 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	21	150	20.	J
118-74-1	Hexachlorobenzene	ND	120	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	640	120	22.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	550	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	40	190	23.	J
98-95-3	Nitrobenzene	ND	170	28.	U
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	66.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-07	Date Collected	: 12/09/25 13:00
Client ID	: TP-15	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:25
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-07	Analyst	: MRG
Sample Amount	: 30.42 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	65.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	360	120	22.	
50-32-8	Benzo(a)pyrene	320	150	47.	
205-99-2	Benzo(b)fluoranthene	400	120	32.	
207-08-9	Benzo(k)fluoranthene	130	120	31.	
218-01-9	Chrysene	400	120	20.	
208-96-8	Acenaphthylene	35	150	30.	J
120-12-7	Anthracene	130	120	37.	
191-24-2	Benzo(ghi)perylene	200	150	22.	
86-73-7	Fluorene	20	190	19.	J
85-01-8	Phenanthrene	310	120	23.	
53-70-3	Dibenzo(a,h)anthracene	51	120	22.	J
193-39-5	Indeno(1,2,3-cd)pyrene	200	150	27.	
129-00-0	Pyrene	630	120	19.	
92-52-4	Biphenyl	ND	440	25.	U
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	37.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	79.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-07	Date Collected	: 12/09/25 13:00
Client ID	: TP-15	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:25
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-07	Analyst	: MRG
Sample Amount	: 30.42 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	23.	U
120-83-2	2,4-Dichlorophenol	ND	170	31.	U
105-67-9	2,4-Dimethylphenol	ND	190	63.	U
88-75-5	2-Nitrophenol	ND	410	72.	U
100-02-7	4-Nitrophenol	ND	270	78.	U
51-28-5	2,4-Dinitrophenol	ND	920	89.	U
534-52-1	4,6-Dinitro-o-cresol	ND	500	92.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	29.	U
95-48-7	2-Methylphenol	ND	190	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	37.	U
86-74-8	Carbazole	28	190	19.	J
1912-24-9	Atrazine	ND	150	67.	U
100-52-7	Benzaldehyde	ND	250	52.	U
105-60-2	Caprolactam	ND	190	58.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-07	Date Collected	: 12/09/25 13:00
Client ID	: TP-15	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:25
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-07	Analyst	: MRG
Sample Amount	: 30.42 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 86
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	190	39.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-08	Date Collected	: 12/09/25 13:40
Client ID	: TP-16	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:49
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-08	Analyst	: MRG
Sample Amount	: 30.64 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	150	19.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	25.	U
91-58-7	2-Chloronaphthalene	ND	180	18.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	49.	U
121-14-2	2,4-Dinitrotoluene	ND	180	37.	U
606-20-2	2,6-Dinitrotoluene	ND	180	32.	U
206-44-0	Fluoranthene	150	110	21.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	18.	U
87-68-3	Hexachlorobutadiene	ND	180	27.	U
77-47-4	Hexachlorocyclopentadiene	ND	530	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	160	24.	U
91-20-3	Naphthalene	ND	180	22.	U
98-95-3	Nitrobenzene	ND	160	27.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	28.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	64.	U
85-68-7	Butyl benzyl phthalate	ND	180	46.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-08	Date Collected	: 12/09/25 13:40
Client ID	: TP-16	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:49
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-08	Analyst	: MRG
Sample Amount	: 30.64 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	180	35.	U
117-84-0	Di-n-octylphthalate	ND	180	63.	U
84-66-2	Diethyl phthalate	ND	180	17.	U
131-11-3	Dimethyl phthalate	ND	180	39.	U
56-55-3	Benzo(a)anthracene	97	110	21.	J
50-32-8	Benzo(a)pyrene	93	150	45.	J
205-99-2	Benzo(b)fluoranthene	120	110	31.	
207-08-9	Benzo(k)fluoranthene	32	110	30.	J
218-01-9	Chrysene	120	110	19.	
208-96-8	Acenaphthylene	ND	150	28.	U
120-12-7	Anthracene	ND	110	36.	U
191-24-2	Benzo(ghi)perylene	68	150	22.	J
86-73-7	Fluorene	ND	180	18.	U
85-01-8	Phenanthrene	86	110	22.	J
53-70-3	Dibenzo(a,h)anthracene	ND	110	21.	U
193-39-5	Indeno(1,2,3-cd)pyrene	63	150	26.	J
129-00-0	Pyrene	140	110	18.	
92-52-4	Biphenyl	ND	420	24.	U
106-47-8	4-Chloroaniline	ND	180	34.	U
88-74-4	2-Nitroaniline	ND	180	36.	U
99-09-2	3-Nitroaniline	ND	180	35.	U
100-01-6	4-Nitroaniline	ND	180	76.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-08	Date Collected	: 12/09/25 13:40
Client ID	: TP-16	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:49
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-08	Analyst	: MRG
Sample Amount	: 30.64 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
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	220	22.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	19.	U
98-86-2	Acetophenone	ND	180	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	35.	U
59-50-7	p-Chloro-m-cresol	ND	180	27.	U
95-57-8	2-Chlorophenol	ND	180	22.	U
120-83-2	2,4-Dichlorophenol	ND	160	30.	U
105-67-9	2,4-Dimethylphenol	ND	180	61.	U
88-75-5	2-Nitrophenol	ND	400	69.	U
100-02-7	4-Nitrophenol	ND	260	75.	U
51-28-5	2,4-Dinitrophenol	ND	880	86.	U
534-52-1	4,6-Dinitro-o-cresol	ND	480	88.	U
87-86-5	Pentachlorophenol	ND	150	40.	U
108-95-2	Phenol	ND	180	28.	U
95-48-7	2-Methylphenol	ND	180	28.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	260	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	180	35.	U
86-74-8	Carbazole	ND	180	18.	U
1912-24-9	Atrazine	ND	150	64.	U
100-52-7	Benzaldehyde	ND	240	50.	U
105-60-2	Caprolactam	ND	180	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-08	Date Collected	: 12/09/25 13:40
Client ID	: TP-16	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:49
Sample Matrix	: SOIL	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 78222-08	Analyst	: MRG
Sample Amount	: 30.64 g	Instrument ID	: SV109
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 89
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	37.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09D	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:51
Sample Matrix	: WATER	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 20
Lab File ID	: 8222-09D	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	100	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	40	7.8	U
95-50-1	1,2-Dichlorobenzene	ND	40	6.6	U
541-73-1	1,3-Dichlorobenzene	ND	40	6.3	U
106-46-7	1,4-Dichlorobenzene	ND	40	7.8	U
91-94-1	3,3'-Dichlorobenzidine	ND	100	37.	U
121-14-2	2,4-Dinitrotoluene	ND	100	11.	U
606-20-2	2,6-Dinitrotoluene	ND	100	17.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	40	7.7	U
101-55-3	4-Bromophenyl phenyl ether	ND	40	4.9	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	40	8.1	U
111-91-1	Bis(2-chloroethoxy)methane	ND	100	17.	U
77-47-4	Hexachlorocyclopentadiene	ND	400	25.	U
78-59-1	Isophorone	ND	100	17.	U
98-95-3	Nitrobenzene	ND	40	4.1	U
86-30-6	NDPA/DPA	ND	40	18.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	100	18.	U
117-81-7	Bis(2-ethylhexyl)phthalate	1200	60	28.	
85-68-7	Butyl benzyl phthalate	ND	100	52.	U
84-74-2	Di-n-butylphthalate	ND	100	19.	U
117-84-0	Di-n-octylphthalate	ND	100	45.	U
84-66-2	Diethyl phthalate	ND	100	15.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09D	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:51
Sample Matrix	: WATER	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 20
Lab File ID	: 8222-09D	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
131-11-3	Dimethyl phthalate	ND	100	18.	U
92-52-4	Biphenyl	ND	40	3.9	U
106-47-8	4-Chloroaniline	ND	100	9.4	U
88-74-4	2-Nitroaniline	ND	100	21.	U
99-09-2	3-Nitroaniline	ND	100	23.	U
100-01-6	4-Nitroaniline	ND	100	29.	U
132-64-9	Dibenzofuran	ND	40	8.0	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	4.8	U
98-86-2	Acetophenone	ND	100	18.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	42.	U
59-50-7	p-Chloro-m-cresol	ND	40	12.	U
95-57-8	2-Chlorophenol	ND	40	13.	U
120-83-2	2,4-Dichlorophenol	ND	100	34.	U
105-67-9	2,4-Dimethylphenol	ND	100	41.	U
88-75-5	2-Nitrophenol	ND	200	39.	U
100-02-7	4-Nitrophenol	ND	200	28.	U
51-28-5	2,4-Dinitrophenol	ND	400	110	U
534-52-1	4,6-Dinitro-o-cresol	ND	200	46.	U
108-95-2	Phenol	ND	100	7.0	U
95-48-7	2-Methylphenol	ND	100	46.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	100	28.	U
95-95-4	2,4,5-Trichlorophenol	ND	100	41.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09D	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 12:51
Sample Matrix	: WATER	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E	Dilution Factor	: 20
Lab File ID	: 8222-09D	Analyst	: SMZ
Sample Amount	: 100 ml	Instrument ID	: DAKOTA
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
65-85-0	Benzoic Acid	ND	1000	52.	U	R
100-51-6	Benzyl Alcohol	ND	40	7.6	U	
86-74-8	Carbazole	ND	40	6.2	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09D	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 10:25
Sample Matrix	: WATER	Date Extracted	: 12/10/25
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 5
Lab File ID	: 222-09D1	Analyst	: JJW
Sample Amount	: 100 ml	Instrument ID	: SV120
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	0.50	0.12	U
91-58-7	2-Chloronaphthalene	ND	1.0	0.11	U
206-44-0	Fluoranthene	9.6	0.50	0.14	
87-68-3	Hexachlorobutadiene	ND	2.5	0.10	U
91-20-3	Naphthalene	ND	0.50	0.12	U
56-55-3	Benzo(a)anthracene	2.4	0.50	0.15	
50-32-8	Benzo(a)pyrene	4.1	0.50	0.12	
205-99-2	Benzo(b)fluoranthene	8.8	0.50	0.14	
207-08-9	Benzo(k)fluoranthene	2.5	0.50	0.17	
218-01-9	Chrysene	3.8	0.50	0.16	
208-96-8	Acenaphthylene	ND	0.50	0.10	U
120-12-7	Anthracene	ND	0.50	0.12	U
191-24-2	Benzo(ghi)perylene	4.2	0.50	0.12	
86-73-7	Fluorene	1.6	0.50	0.13	
85-01-8	Phenanthrene	ND	0.50	0.20	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.50	0.12	U
193-39-5	Indeno(1,2,3-cd)pyrene	3.6	0.50	0.11	
129-00-0	Pyrene	16	0.50	0.21	
91-57-6	2-Methylnaphthalene	ND	0.50	0.14	U
87-86-5	Pentachlorophenol	ND	4.0	0.28	U
118-74-1	Hexachlorobenzene	ND	4.0	0.07	U
67-72-1	Hexachloroethane	ND	4.0	0.11	U

Results Summary
Form 1
Gasoline Range Organics

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09D	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:39
Sample Matrix	: WATER	Dilution Factor	: 2000
Analytical Method	: 1,8015D(M)	Analyst	: BAD
Lab File ID	: O251210A12	Instrument ID	: OVPH
Sample Amount	: 0.0025 ml	GC Column	: RTX 502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Gasoline Range Organics	1100000	100000	12000	

Results Summary
Form 1
Diesel Range Organics

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09D	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 15:11
Sample Matrix	: WATER	Date Extracted	: 12/10/25
Analytical Method	: 1,8015D(M)	Dilution Factor	: 100
Lab File ID	: P1725121028	Analyst	: ALL
Sample Amount	: 50 ml	Instrument ID	: PETRO17A
Extraction Method	: EPA 3510C	GC Column	:
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	DRO (C10-C28)	6000000	500000	71000	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-01	Date Collected	: 12/09/25 09:40
Client ID	: TP-9	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 21:27
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,6010D	Analyst	: JNW
Lab File ID	: WG2151812.pdf	Instrument ID	: TRACE10
Sample Amount	: 1.268g	%Solids	: 80
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7782-49-2	Selenium, Total	ND	3.96	0.651	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-02	Date Collected	: 12/09/25 10:20
Client ID	: TP-10	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 21:32
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,6010D	Analyst	: JNW
Lab File ID	: WG2151812.pdf	Instrument ID	: TRACE10
Sample Amount	: 1.303g	%Solids	: 88
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7782-49-2	Selenium, Total	ND	3.49	0.574	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-03	Date Collected	: 12/09/25 10:45
Client ID	: TP-11	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 22:19
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,6010D	Analyst	: JNW
Lab File ID	: WG2151812.pdf	Instrument ID	: TRACE10
Sample Amount	: 1.277g	%Solids	: 81
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7782-49-2	Selenium, Total	ND	3.85	0.633	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-04	Date Collected	: 12/09/25 11:15
Client ID	: TP-12	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 21:43
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JNW
Lab File ID	: WG2151812.pdf	Instrument ID	: TRACE10
Sample Amount	: 1.259g	%Solids	: 80
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7782-49-2	Selenium, Total	ND	2.00	0.328	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-05	Date Collected	: 12/09/25 11:45
Client ID	: TP-13	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 21:48
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,6010D	Analyst	: JNW
Lab File ID	: WG2151812.pdf	Instrument ID	: TRACE10
Sample Amount	: 1.321g	%Solids	: 80
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7782-49-2	Selenium, Total	ND	3.79	0.623	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-06	Date Collected	: 12/09/25 12:30
Client ID	: TP-14	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 22:04
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,6010D	Analyst	: JNW
Lab File ID	: WG2151812.pdf	Instrument ID	: TRACE10
Sample Amount	: 1.269g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7782-49-2	Selenium, Total	ND	3.54	0.583	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-07	Date Collected	: 12/09/25 13:00
Client ID	: TP-15	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 22:09
Sample Matrix	: SOIL	Dilution Factor	: 10
Analytical Method	: 1,6010D	Analyst	: JNW
Lab File ID	: WG2151812.pdf	Instrument ID	: TRACE10
Sample Amount	: 1.266g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7782-49-2	Selenium, Total	ND	9.22	1.52	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-08	Date Collected	: 12/09/25 13:40
Client ID	: TP-16	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 22:14
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,6010D	Analyst	: JNW
Lab File ID	: WG2151812.pdf	Instrument ID	: TRACE10
Sample Amount	: 1.305g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7782-49-2	Selenium, Total	ND	3.46	0.570	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-01	Date Collected	: 12/09/25 09:40
Client ID	: TP-9	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 17:29
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: MJR
Lab File ID	: WG2152007.pdf	Instrument ID	: TRACE11
Sample Amount	: 1.268g	%Solids	: 80
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-38-2	Arsenic, Total	7.02	0.990	0.427	
7440-39-3	Barium, Total	655	0.990	0.105	J-
7440-43-9	Cadmium, Total	ND	0.990	0.054	U
7440-47-3	Chromium, Total	17.0	0.990	0.839	
7439-92-1	Lead, Total	478	4.95	0.236	J-
7440-22-4	Silver, Total	ND	0.495	0.295	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-02	Date Collected	: 12/09/25 10:20
Client ID	: TP-10	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 17:32
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: MJR
Lab File ID	: WG2152007.pdf	Instrument ID	: TRACE11
Sample Amount	: 1.303g	%Solids	: 88
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-38-2	Arsenic, Total	3.19	0.873	0.377	
7440-39-3	Barium, Total	62.3	0.873	0.093	J-
7440-43-9	Cadmium, Total	ND	0.873	0.048	U
7440-47-3	Chromium, Total	8.80	0.873	0.740	
7439-92-1	Lead, Total	25.7	4.36	0.208	J-
7440-22-4	Silver, Total	ND	0.436	0.260	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-03	Date Collected	: 12/09/25 10:45
Client ID	: TP-11	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 17:34
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: MJR
Lab File ID	: WG2152007.pdf	Instrument ID	: TRACE11
Sample Amount	: 1.277g	%Solids	: 81
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-38-2	Arsenic, Total	9.21	0.962	0.416	
7440-39-3	Barium, Total	184	0.962	0.102	J-
7440-43-9	Cadmium, Total	0.699	0.962	0.053	J
7440-47-3	Chromium, Total	18.8	0.962	0.816	
7439-92-1	Lead, Total	423	4.81	0.229	J-
7440-22-4	Silver, Total	ND	0.481	0.287	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-04	Date Collected	: 12/09/25 11:15
Client ID	: TP-12	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 17:36
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: MJR
Lab File ID	: WG2152007.pdf	Instrument ID	: TRACE11
Sample Amount	: 1.259g	%Solids	: 80
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-38-2	Arsenic, Total	10.5	0.998	0.431	
7440-39-3	Barium, Total	230	0.998	0.106	J-
7440-43-9	Cadmium, Total	0.336	0.998	0.055	J
7440-47-3	Chromium, Total	23.6	0.998	0.846	
7439-92-1	Lead, Total	561	4.99	0.237	J-
7440-22-4	Silver, Total	1.54	0.499	0.297	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-05	Date Collected	: 12/09/25 11:45
Client ID	: TP-13	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 17:38
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: MJR
Lab File ID	: WG2152007.pdf	Instrument ID	: TRACE11
Sample Amount	: 1.321g	%Solids	: 80
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-38-2	Arsenic, Total	8.31	0.947	0.409	
7440-39-3	Barium, Total	171	0.947	0.100	J-
7440-43-9	Cadmium, Total	ND	0.947	0.052	U
7440-47-3	Chromium, Total	13.2	0.947	0.803	
7439-92-1	Lead, Total	325	4.74	0.225	J-
7440-22-4	Silver, Total	ND	0.474	0.282	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-06	Date Collected	: 12/09/25 12:30
Client ID	: TP-14	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 17:40
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: MJR
Lab File ID	: WG2152007.pdf	Instrument ID	: TRACE11
Sample Amount	: 1.269g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-38-2	Arsenic, Total	5.84	0.886	0.383	
7440-39-3	Barium, Total	165	0.886	0.094	J-
7440-43-9	Cadmium, Total	ND	0.886	0.049	U
7440-47-3	Chromium, Total	11.3	0.886	0.752	
7439-92-1	Lead, Total	360	4.43	0.211	J-
7440-22-4	Silver, Total	ND	0.443	0.264	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-07	Date Collected	: 12/09/25 13:00
Client ID	: TP-15	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 17:43
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: MJR
Lab File ID	: WG2152007.pdf	Instrument ID	: TRACE11
Sample Amount	: 1.266g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-38-2	Arsenic, Total	3.74	0.922	0.398	
7440-39-3	Barium, Total	59.5	0.922	0.098	J-
7440-43-9	Cadmium, Total	ND	0.922	0.051	U
7440-47-3	Chromium, Total	6.20	0.922	0.782	
7439-92-1	Lead, Total	144	4.61	0.219	J-
7440-22-4	Silver, Total	ND	0.461	0.275	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-08	Date Collected	: 12/09/25 13:40
Client ID	: TP-16	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 17:45
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: MJR
Lab File ID	: WG2152007.pdf	Instrument ID	: TRACE11
Sample Amount	: 1.305g	%Solids	: 89
Digestion Method	: EPA 3050B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-38-2	Arsenic, Total	4.64	0.866	0.374	
7440-39-3	Barium, Total	82.3	0.866	0.092	J-
7440-43-9	Cadmium, Total	ND	0.866	0.048	U
7440-47-3	Chromium, Total	13.6	0.866	0.734	
7439-92-1	Lead, Total	81.4	4.33	0.206	J-
7440-22-4	Silver, Total	ND	0.433	0.258	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 13:10
Sample Matrix	: WATER	Dilution Factor	: 5
Analytical Method	: 1,6020B	Analyst	: NDD
Lab File ID	: WG2151685.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 5ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 12/10/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-38-2	Arsenic, Total	0.1413	0.02500	0.00825	
7440-43-9	Cadmium, Total	0.08084	0.01000	0.00299	
7440-47-3	Chromium, Total	7.099	0.05000	0.00890	
7439-92-1	Lead, Total	4.702	0.05000	0.01715	
7782-49-2	Selenium, Total	0.405	0.250	0.0865	
7440-22-4	Silver, Total	ND	0.02000	0.00815	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 13:33
Sample Matrix	: WATER	Dilution Factor	: 100
Analytical Method	: 1,6020B	Analyst	: NDD
Lab File ID	: WG2151685.pdf	Instrument ID	: ICPMSQ
Sample Amount	: 5ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 12/10/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7440-39-3	Barium, Total	58.33	0.5000	0.1730	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-09	Date Collected	: 12/09/25 14:30
Client ID	: 705-PIT-WATER	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:54
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,7470A	Analyst	: ALC
Lab File ID	: WG2151953.pdf	Instrument ID	: NIC5
Sample Amount	: 2.5ml	%Solids	: N/A
Digestion Method	: EPA 7470A	Date Digested	: 12/10/25

		mg/l			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.00549	0.00200	0.00091	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-01	Date Collected	: 12/09/25 09:40
Client ID	: TP-9	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:07
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: ALC
Lab File ID	: WG2151919.pdf	Instrument ID	: NIC1
Sample Amount	: 0.319g	%Solids	: 80
Digestion Method	: EPA 7471B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	1.33	0.098	0.064	J

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-02	Date Collected	: 12/09/25 10:20
Client ID	: TP-10	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:10
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: ALC
Lab File ID	: WG2151919.pdf	Instrument ID	: NIC1
Sample Amount	: 0.33g	%Solids	: 88
Digestion Method	: EPA 7471B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.126	0.086	0.056	J

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-03	Date Collected	: 12/09/25 10:45
Client ID	: TP-11	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: ALC
Lab File ID	: WG2151919.pdf	Instrument ID	: NIC1
Sample Amount	: 0.374g	%Solids	: 81
Digestion Method	: EPA 7471B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.314	0.082	0.054	J

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-04	Date Collected	: 12/09/25 11:15
Client ID	: TP-12	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:16
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: ALC
Lab File ID	: WG2151919.pdf	Instrument ID	: NIC1
Sample Amount	: 0.309g	%Solids	: 80
Digestion Method	: EPA 7471B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	2.57	0.102	0.066	J

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-05	Date Collected	: 12/09/25 11:45
Client ID	: TP-13	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:26
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: ALC
Lab File ID	: WG2151919.pdf	Instrument ID	: NIC1
Sample Amount	: 0.312g	%Solids	: 80
Digestion Method	: EPA 7471B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.268	0.100	0.065	J

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-06	Date Collected	: 12/09/25 12:30
Client ID	: TP-14	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:30
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: ALC
Lab File ID	: WG2151919.pdf	Instrument ID	: NIC1
Sample Amount	: 0.331g	%Solids	: 89
Digestion Method	: EPA 7471B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.271	0.085	0.055	J

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-07	Date Collected	: 12/09/25 13:00
Client ID	: TP-15	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:33
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: ALC
Lab File ID	: WG2151919.pdf	Instrument ID	: NIC1
Sample Amount	: 0.311g	%Solids	: 86
Digestion Method	: EPA 7471B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.215	0.094	0.061	J

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: L2578222-08	Date Collected	: 12/09/25 13:40
Client ID	: TP-16	Date Received	: 12/09/25
Sample Location	: SYRACUSE, NY	Date Analyzed	: 12/10/25 14:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,7471B	Analyst	: ALC
Lab File ID	: WG2151919.pdf	Instrument ID	: NIC1
Sample Amount	: 0.31g	%Solids	: 89
Digestion Method	: EPA 7471B	Date Digested	: 12/10/25

		mg/kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
7439-97-6	Mercury, Total	0.176	0.091	0.059	J

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260C Volatiles Data
for Pace Analytical Services, SDG Number: L2578222

1 Pit Water Sample
Collected December 9, 2025

Prepared by: Donald Anné
June 25, 2026

Holding Times: The sample was 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 14 compounds (highlighted yellow on attached Form 6) were below the method minimums, but not below 0.010 for VOA122 on 11-14-25. No action is taken on fewer than 20% of the compounds with method criteria outside control limits per calibration.

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 13 compounds (highlighted yellow on attached Form 7) were below the method minimums, but not below 0.010 on 12-10-25 (V22251210A01). The %Ds for bromomethane, freon113, methyl tert-butyl ether, 4-methyl-2-pentanone, and 2-hexanone were above the method maximum on 12-10-25 (V22251210A01). 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 RRF for 1,4-dioxane was below the allowable minimum (0.001) on 12-10-25 (V22251210A01). Positive results for 1,4-dioxane should be considered estimated (J) and "not detected" results rejected, unusable (R) in associated samples.

The %Ds for bromomethane, freon113, methyl tert-butyl ether, 1,4-dioxane, 4-methyl-2-pentanone, and 2-hexanone were above the allowable maximum (20%) on 12-10-25 (V22251210A01). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of method blank reported target compounds as not detected.

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Surrogate Recovery: The surrogate recoveries were within control limits for the pit water sample.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2152083-3/4.

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.

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2578222**
Project Name	**: GEIGER TEST PIT SAMPLING**	**Project Number**	**: 086328**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL22815**
Calibration dates	**: 11/14/25 18:51 11/14/25 22:33**		

Calibration Files
L11 =V22251114A04.D L1 =V22251114A05.D L2 =V22251114A07.D L3 =V22251114A09.D L4 =V22251114A10.D
L6 =V22251114A11.D L8 =V22251114A12.D L10 =V22251114A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.107	0.170	0.169	0.193	0.190	0.179	0.180	0.170	17.13
3)	TP	Chloromethane		0.149	0.170	0.172	0.174	0.168	0.159	0.159	0.164	5.48
4)	TP	Vinyl chloride	0.157	0.140	0.200	0.201	0.210	0.201	0.190	0.187	0.186	13.19
5)	TP	Bromomethane		0.135	0.128	0.126	0.129	0.130	0.130	0.134	0.130	2.45
6)	TP	Chloroethane		0.169	0.161	0.143	0.146	0.138	0.124	0.109	0.142	14.66
7)	TP	Trichlorofluor		0.124	0.185	0.185	0.208	0.203	0.196	0.196	0.185	15.29
8)	TP	Ethyl ether		0.041	0.049	0.052	0.054	0.053	0.054	0.054	0.051	9.15
10)	TP	1,1-Dichloroet		0.078	0.110	0.114	0.121	0.120	0.116	0.118	0.111	13.61
11)	TP	Carbon disulfide		0.279	0.387	0.388	0.402	0.397	0.385	0.393	0.376	11.51
12)	TP	Freon-113		0.074	0.103	0.102	0.118	0.117	0.113	0.121	0.107	15.17
13)	TP	Iodomethane		0.098	0.143	0.173	0.185	0.184	0.178	0.175	0.162	19.57
14)	TP	Acrolein			0.011	0.010	0.010	0.010	0.010	0.010	0.010#	5.64
15)	TP	Methylene chlo		0.128	0.132	0.132	0.131	0.127	0.127	0.126	0.129	1.90
17)	TP	Acetone			0.034	0.020	0.017	0.016	0.017	0.016	*L	0.9994
18)	TP	trans-1,2-Dich		0.101	0.123	0.127	0.129	0.128	0.129	0.131	0.124	8.26
19)	TP	Methyl acetate			0.051	0.042	0.040	0.040	0.043	0.041	0.043	9.73
21)	TP	Methyl tert butyl ether		0.199	0.207	0.228	0.240	0.236	0.244	0.242	0.228	7.95
22)	TP	tert-Butyl alc			0.004	0.005	0.005	0.005	0.005	0.005	0.005#	5.38
24)	TP	Diisopropyl ether		0.281	0.306	0.308	0.323	0.331	0.327	0.330	0.315	5.74
25)	TP	1,1-Dichloroet		0.193	0.220	0.227	0.234	0.230	0.227	0.230	0.223#	6.22
26)	TP	Halothane		0.073	0.094	0.093	0.098	0.098	0.096	0.102	0.093	9.96
27)	TP	Acrylonitrile		0.026	0.022	0.023	0.025	0.024	0.025	0.024	0.024	5.54
28)	TP	Ethyl tert-but		0.243	0.257	0.270	0.286	0.292	0.306	0.303	0.280	8.55
29)	TP	Vinyl acetate			0.154	0.149	0.168	0.165	0.173	0.197	0.168	9.96
30)	TP	cis-1,2-Dichlo		0.104	0.135	0.135	0.138	0.137	0.135	0.136	0.132#	9.12
31)	TP	2,2-Dichloropr		0.158	0.176	0.173	0.177	0.177	0.173	0.177	0.173	3.93
32)	TP	Bromochloromet		0.052	0.061	0.063	0.065	0.063	0.062	0.060	0.061#	6.56
33)	TP	Cyclohexane		0.166	0.204	0.192	0.229	0.238	0.232	0.241	0.215	13.06
34)	TP	Chloroform		0.247	0.231	0.218	0.217	0.218	0.219	0.222	0.225#	4.91
35)	TP	Ethyl acetate			0.056	0.058	0.059	0.059	0.062	0.059	0.059	3.58
36)	TP	Carbon tetrachloride	0.120	0.131	0.173	0.179	0.196	0.196	0.191	0.197	0.173	17.73
37)	TP	Tetrahydrofuran			0.021	0.018	0.018	0.017	0.018	0.018	0.018	7.61
38)	S	Dibromofluoromethane	0.268	0.266	0.271	0.267	0.260	0.260	0.265	0.266	0.265	1.42
39)	TP	1,1,1-Trichlor		0.148	0.189	0.197	0.209	0.208	0.204	0.208	0.195	11.20
41)	TP	2-Butanone			0.019	0.022	0.024	0.024	0.025	0.024	0.023	9.21

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2578222**
Project Name	**: GEIGER TEST PIT SAMPLING**	**Project Number**	**: 086328**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL22815**
Calibration dates	**: 11/14/25 18:51 11/14/25 22:33**		

Calibration Files
L11 =V22251114A04.D L1 =V22251114A05.D L2 =V22251114A07.D L3 =V22251114A09.D L4 =V22251114A10.D
L6 =V22251114A11.D L8 =V22251114A12.D L10 =V22251114A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
42)	TP	1,1-Dichloropr		0.114	0.149	0.161	0.173	0.180	0.176	0.179	0.162	14.64
44)	TP	Benzene	0.296	0.269	0.311	0.310	0.328	0.329	0.319	0.321	0.310	6.44
45)	TP	Tertiary-Amyl Methyl Ether		0.217	0.218	0.229	0.243	0.252	0.261	0.256	0.240	7.55
46)	S	1,2-Dichloroethane-d4	0.253	0.256	0.249	0.256	0.253	0.254	0.265	0.266	0.256	2.40
47)	T	1,2-Dichloroethane	0.144	0.122	0.127	0.132	0.135	0.137	0.139	0.137	0.134	5.18
50)	TP	Methyl cyclohe			0.191	0.187	0.240	0.250	0.246	0.254	0.228	13.34
51)	TP	Trichloroethene	0.136	0.114	0.125	0.131	0.144	0.151	0.148	0.151	0.138#	9.78
53)	TP	Dibromomethane		0.053	0.057	0.061	0.066	0.066	0.067	0.066	0.062	9.04
54)	TP	1,2-Dichloropr		0.094	0.107	0.126	0.133	0.132	0.132	0.133	0.122#	12.87
56)	TP	2-Chloroethyl		0.040	0.045	0.050	0.051	0.051	0.052	0.050	0.049	8.94
57)	TP	Bromodichlorom		0.108	0.105	0.114	0.120	0.119	0.118	0.116	0.114#	5.08
60)	TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	10.08
61)	TP	cis-1,3-Dichloropropene	0.135	0.151	0.160	0.174	0.194	0.196	0.198	0.198	0.176#	14.05
62)	I	Chlorobenzene-d5	----------ISTD----------									
63)	S	Toluene-d8	1.302	1.303	1.309	1.304	1.283	1.291	1.274	1.273	1.292	1.10
64)	TP	Toluene		0.314	0.384	0.397	0.419	0.422	0.415	0.422	0.396	9.87
65)	TP	4-Methyl-2-pen			0.024	0.028	0.029	0.031	0.031	0.029	0.029#	9.26
66)	TP	Tetrachloroethene	0.119	0.119	0.169	0.174	0.188	0.192	0.189	0.193	0.168	18.56
68)	TP	trans-1,3-Dichloropropene	0.148	0.150	0.156	0.178	0.199	0.206	0.207	0.204	0.181#	14.52
70)	TP	Ethyl methacry		0.126	0.118	0.126	0.133	0.133	0.135	0.129	0.128	4.57
71)	TP	1,1,2-Trichlor		0.092	0.077	0.086	0.093	0.096	0.097	0.095	0.091#	7.84
72)	TP	Chlorodibromom		0.113	0.123	0.137	0.151	0.156	0.157	0.156	0.142#	12.55
73)	TP	1,3-Dichloropr		0.151	0.164	0.177	0.192	0.193	0.194	0.189	0.180	9.29
74)	TP	1,2-Dibromoethane		0.088	0.101	0.106	0.114	0.115	0.117	0.113	0.108#	9.59
76)	TP	2-Hexanone			0.051	0.053	0.050	0.054	0.054	0.049	0.052	4.45
77)	TP	Chlorobenzene		0.392	0.444	0.452	0.471	0.472	0.458	0.462	0.450	6.09
78)	TP	Ethylbenzene		0.675	0.786	0.817	0.853	0.860	0.828	0.833	0.807	7.85
79)	TP	1,1,1,2-Tetrac		0.120	0.143	0.150	0.164	0.168	0.166	0.166	0.154	11.51
80)	TP	p/m Xylene		0.251	0.321	0.330	0.346	0.353	0.341	0.350	0.327	10.86
81)	TP	o Xylene		0.261	0.302	0.314	0.332	0.340	0.328	0.335	0.316	8.70
82)	TP	Styrene		0.428	0.484	0.514	0.547	0.557	0.538	0.542	0.516	8.91
83)	I	1,4-Dichlorobenzene-d4	----------ISTD----------									
84)	TP	Bromoform		0.135	0.126	0.138	0.155	0.169	0.172	0.177	0.153	13.22
86)	TP	Isopropylbenzene		1.175	1.502	1.530	1.633	1.657	1.606	1.612	1.531	10.88
87)	S	4-Bromofluorobenzene	0.898	0.891	0.886	0.882	0.882	0.862	0.852	0.851	0.875	2.07
88)	TP	Bromobenzene		0.289	0.314	0.329	0.350	0.354	0.349	0.353	0.334	7.48

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2578222**
Project Name	**: GEIGER TEST PIT SAMPLING**	**Project Number**	**: 086328**
Instrument ID	**: VOA122**	**Ical Ref**	**: ICAL22815**
Calibration dates	**: 11/14/25 18:51 11/14/25 22:33**		

Calibration Files
L11 =V22251114A04.D L1 =V22251114A05.D L2 =V22251114A07.D L3 =V22251114A09.D L4 =V22251114A10.D
L6 =V22251114A11.D L8 =V22251114A12.D L10 =V22251114A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
89)	TP	n-Propylbenzene		1.432	1.772	1.819	1.959	1.997	1.920	1.921	1.831	10.53
90)	TP	1,4-Dichlorobu		0.379	0.321	0.320	0.341	0.352	0.356	0.355	0.346	6.10
91)	TP	1,1,2,2-Tetrachloroethane	0.241	0.215	0.210	0.216	0.234	0.236	0.234	0.233	0.227	5.19
92)	TP	4-Ethyltoluene		1.209	1.463	1.514	1.624	1.631	1.570	1.563	1.511	9.64
93)	TP	2-Chlorotoluene		0.926	1.045	1.050	1.106	1.124	1.019	1.044	1.045	6.16
94)	TP	1,3,5-Trimethy		1.038	1.240	1.280	1.371	1.393	1.340	1.347	1.287	9.45
95)	TP	1,2,3-Trichlor		0.164	0.164	0.179	0.185	0.190	0.194	0.186	0.180	6.62
96)	TP	trans-1,4-Dich		0.067	0.058	0.060	0.064	0.067	0.068	0.065	0.064	5.71
97)	TP	4-Chlorotoluene		0.947	1.067	1.086	1.148	1.158	1.116	1.119	1.091	6.53
98)	TP	tert-Butylbenzene		0.871	1.054	1.084	1.184	1.206	1.161	1.168	1.104	10.54
101)	TP	1,2,4-Trimethy		1.027	1.190	1.236	1.331	1.343	1.305	1.301	1.248	8.91
102)	TP	sec-Butylbenzene		0.745	0.873	0.918	0.982	0.959	0.905	0.899	0.897	8.55
103)	TP	p-Isopropyltol		0.991	1.284	1.362	1.484	1.508	1.434	1.414	1.354	13.05
104)	TP	1,3-Dichlorobe		0.590	0.670	0.696	0.733	0.736	0.716	0.712	0.693	7.34
105)	TP	1,4-Dichlorobe		0.605	0.660	0.678	0.714	0.723	0.703	0.703	0.684	5.94
106)	TP	p-Diethylbenzene		0.572	0.728	0.771	0.845	0.872	0.844	0.846	0.783	13.52
107)	TP	n-Butylbenzene		0.925	1.105	1.156	1.279	1.296	1.236	1.228	1.175	10.98
108)	TP	1,2-Dichlorobe		0.522	0.579	0.594	0.634	0.640	0.627	0.618	0.602	6.90
109)	TP	1,2,4,5-Tetram		0.835	0.975	1.037	1.123	1.150	1.122	1.134	1.054	10.93
110)	TP	1,2-Dibromo-3-		0.022	0.031	0.035	0.037	0.038	0.039	0.037	0.034	17.07
111)	TP	1,3,5-Trichlor		0.340	0.380	0.387	0.416	0.419	0.412	0.417	0.396	7.39
112)	TP	Hexachlorobuta		0.108	0.123	0.123	0.145	0.150	0.147	0.155	0.136	13.00
113)	TP	1,2,4-Trichlor		0.280	0.305	0.312	0.342	0.347	0.350	0.347	0.326#	8.31
114)	TP	Naphthalene		0.662	0.654	0.701	0.742	0.727	0.734	0.708	0.704	4.91
115)	TP	1,2,3-Trichlor		0.238	0.245	0.260	0.281	0.282	0.286	0.279	0.267#	7.35

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: VOA122		Calibration Date	: 12/10/25 07:13	
Lab File ID	: V22251210A01		Init. Calib. Date(s)	: 11/14/25	11/14/25
Sample No	: WG2152083-2		Init. Calib. Times	: 18:51	22:33
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	107	0
Dichlorodifluoromethane	0.17	0.154	-	9.4	20	98	0
Chloromethane	0.164	0.178	-	-8.5	20	111	0
Vinyl chloride	0.186	0.179	-	3.8	20	95	0
Bromomethane	0.13	0.102	-	21.5*	20	87	0
Chloroethane	0.142	0.13	-	8.5	20	97	0
Trichlorofluoromethane	0.185	0.22	-	-18.9	20	127	0
Ethyl ether	0.051	0.045	-	11.8	20	93	0
1,1-Dichloroethene	0.111	0.121	-	-9	20	114	0
Carbon disulfide	0.376	0.442	-	-17.6	20	122	0
Freon-113	0.107	0.131	-	-22.4*	20	138	0
Acrolein	0.00997	0.00886*	-	11.1	20	97	0
Methylene chloride	0.129	0.145	-	-12.4	20	118	0
Acetone	10	10.437	-	-4.4	20	110	0
trans-1,2-Dichloroethene	0.124	0.133	-	-7.3	20	113	0
Methyl acetate	0.043	0.043	-	0	20	110	0
Methyl tert-butyl ether	0.228	0.176	-	22.8*	20	83	0
tert-Butyl alcohol	0.00485	0.00401*	-	17.3	20	93	0
Diisopropyl ether	0.315	0.311	-	1.3	20	108	0
1,1-Dichloroethane	0.223	0.243*	-	-9	20	115	0
Halothane	0.093	0.102	-	-9.7	20	117	0
Acrylonitrile	0.024	0.026	-	-8.3	20	120	0
Ethyl tert-butyl ether	0.28	0.232	-	17.1	20	92	0
Vinyl acetate	0.168	0.175	-	-4.2	20	126	0
cis-1,2-Dichloroethene	0.132	0.142*	-	-7.6	20	113	0
2,2-Dichloropropane	0.173	0.182	-	-5.2	20	113	0
Bromochloromethane	0.061	0.072*	-	-18	20	124	0
Cyclohexane	0.215	0.216	-	-0.5	20	121	0
Chloroform	0.225	0.228*	-	-1.3	20	112	0
Ethyl acetate	0.059	0.056	-	5.1	20	105	0
Carbon tetrachloride	0.173	0.196	-	-13.3	20	117	0
Tetrahydrofuran	0.018	0.02	-	-11.1	20	121	0
Dibromofluoromethane	0.265	0.285	-	-7.5	20	115	0
1,1,1-Trichloroethane	0.195	0.207	-	-6.2	20	113	0
2-Butanone	0.023	0.027	-	-17.4	20	133	0
1,1-Dichloropropene	0.162	0.144	-	11.1	20	96	0
Benzene	0.31	0.338	-	-9	20	117	0
tert-Amyl methyl ether	0.24	0.17	-	29.2*	20	80	0
1,2-Dichloroethane-d4	0.256	0.252	-	1.6	20	106	0
1,2-Dichloroethane	0.134	0.133	-	0.7	20	108	0
Methyl cyclohexane	0.228	0.192	-	15.8	20	110	0
Trichloroethene	0.138	0.129*	-	6.5	20	106	0
Dibromomethane	0.062	0.064	-	-3.2	20	113	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: VOA122		Calibration Date	: 12/10/25 07:13	
Lab File ID	: V22251210A01		Init. Calib. Date(s)	: 11/14/25	11/14/25
Sample No	: WG2152083-2		Init. Calib. Times	: 18:51	22:33
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.122	0.111*	-	9	20	94	0
2-Chloroethyl vinyl ether	0.049	0.02	-	59.2*	20	44	0
Bromodichloromethane	0.114	0.124*	-	-8.8	20	116	0
1,4-Dioxane	0.00073	0.00056*	-	23.3*	20	85	0
cis-1,3-Dichloropropene	0.176	0.152*	-	13.6	20	93	0
Chlorobenzene-d5	1	1	-	0	20	112	0
Toluene-d8	1.292	1.251	-	3.2	20	108	0
Toluene	0.396	0.398	-	-0.5	20	113	0
4-Methyl-2-pentanone	0.029	0.02*	-	31*	20	80	0
Tetrachloroethene	0.168	0.183	-	-8.9	20	118	0
trans-1,3-Dichloropropene	0.181	0.156*	-	13.8	20	99	0
Ethyl methacrylate	0.128	0.079	-	38.3*	20	71	0
1,1,2-Trichloroethane	0.091	0.083*	-	8.8	20	109	0
Chlorodibromomethane	0.142	0.137*	-	3.5	20	113	0
1,3-Dichloropropane	0.18	0.157	-	12.8	20	99	0
1,2-Dibromoethane	0.108	0.104*	-	3.7	20	111	0
2-Hexanone	0.052	0.036	-	30.8*	20	75	0
Chlorobenzene	0.45	0.469	-	-4.2	20	117	0
Ethylbenzene	0.807	0.763	-	5.5	20	105	0
1,1,1,2-Tetrachloroethane	0.154	0.155	-	-0.6	20	116	0
p/m Xylene	0.327	0.31	-	5.2	20	106	0
o Xylene	0.316	0.292	-	7.6	20	104	0
Styrene	0.516	0.493	-	4.5	20	108	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	119	0
Bromoform	0.153	0.139	-	9.2	20	120	0
Isopropylbenzene	1.531	1.339	-	12.5	20	104	0
4-Bromofluorobenzene	0.875	0.78	-	10.9	20	106	0
Bromobenzene	0.334	0.335	-	-0.3	20	121	0
n-Propylbenzene	1.831	1.648	-	10	20	108	0
1,4-Dichlorobutane	0.346	0.323	-	6.6	20	121	0
1,1,2,2-Tetrachloroethane	0.227	0.22	-	3.1	20	122	0
4-Ethyltoluene	1.511	1.385	-	8.3	20	109	0
2-Chlorotoluene	1.045	1.013	-	3.1	20	115	0
1,3,5-Trimethylbenzene	1.287	1.178	-	8.5	20	110	0
1,2,3-Trichloropropane	0.18	0.158	-	12.2	20	106	0
trans-1,4-Dichloro-2-buten	0.064	0.063	-	1.6	20	125	0
4-Chlorotoluene	1.091	0.991	-	9.2	20	109	0
tert-Butylbenzene	1.104	0.974	-	11.8	20	107	0
1,2,4-Trimethylbenzene	1.248	1.127	-	9.7	20	109	0
sec-Butylbenzene	0.897	0.933	-	-4	20	121	0
p-Isopropyltoluene	1.354	1.235	-	8.8	20	108	0
1,3-Dichlorobenzene	0.693	0.713	-	-2.9	20	122	0
1,4-Dichlorobenzene	0.684	0.7	-	-2.3	20	123	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: VOA122		Calibration Date	: 12/10/25 07:13	
Lab File ID	: V22251210A01		Init. Calib. Date(s)	: 11/14/25	11/14/25
Sample No	: WG2152083-2		Init. Calib. Times	: 18:51	22:33
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	0.783	0.706	-	9.8	20	109	0
n-Butylbenzene	1.175	1.128	-	4	20	117	0
1,2-Dichlorobenzene	0.602	0.606	-	-0.7	20	122	0
1,2,4,5-Tetramethylbenzene	1.054	0.852	-	19.2	20	98	0
1,2-Dibromo-3-chloropropan	0.034	0.032	-	5.9	20	110	0
1,3,5-Trichlorobenzene	0.396	0.399	-	-0.8	20	123	0
Hexachlorobutadiene	0.136	0.147	-	-8.1	20	143	0
1,2,4-Trichlorobenzene	0.326	0.295*	-	9.5	20	113	0
Naphthalene	0.704	0.532	-	24.4*	20	91	0
1,2,3-Trichlorobenzene	0.267	0.25*	-	6.4	20	114	0

* Value outside of QC limits.

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2578222

8 Soil Samples and 1 Pit Water Sample
Collected December 9, 2025

Prepared by: Donald Anné
June 25, 2026

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 RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV109 on 06-05-25. The average RRF for 2,6-dinitrotoluene was below the method minimum, but not below 0.010 for DAKOTA on 08-20-25. 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 12-10-25 (WG2151858-3). The RRF for 2-chloronaphthalene was below the method minimum, but not below 0.010 on 12-10-25 (WG2151886-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 12-10-25 (WG2151891-3). The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the method maximum on 12-10-25 (WG2151858-3). The %D for atrazine was above the method maximum on 12-10-25 (WG2151858-5). The %Ds for 6 compounds (highlighted yellow on attached Form 7) were above the method maximum on 12-10-25 (WG2151886-3). The %D for caprolactam was above the method maximum on 12-10-25 (WG2151886-4). The %Ds for 6 compounds (highlighted yellow on attached Form 7) were above the method maximum on 12-10-25 (WG2151891-3). 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.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

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The %Ds for 7 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 12-10-25 (WG2151858-3). The %D for atrazine was above the allowable maximum (20%) on 12-10-25 (WG2151858-5). The %Ds for 6 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 12-10-25 (WG2151886-3). The %D for caprolactam was above the allowable maximum (20%) on 12-10-25 (WG2151886-4). The %Ds for 6 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 12-10-25 (WG2151891-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogates for 705-PIT-WATER were diluted beyond detection limits. No action is taken on surrogates diluted beyond detection limits.

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 WG2151785-2/3.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for benzoic acid were below QC limits and below 30% for aqueous samples WG2151757-2/3. Positive results for benzoic acid should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated aqueous samples.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: CHA Companies
Project Name: GEIGER TEST PIT SAMPLING

Lab Number: L2578222
Project Number: 086328
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
705-PIT-WATER (L2578222-09D)	DL	DL	DL	DL	DL	DL	0
WG2151757-1BLANK	57	40	77	55	61	67	0
WG2151757-2LCS	61	47	80	55	68	60	0
WG2151757-3LCSD	67	48	81	57	68	61	0

DL - Diluted beyond detection limits

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2151757-2	Analysis Date : 12/10/25 09:27	File ID : 151759-2
LCSD Sample ID	: WG2151757-3	Analysis Date : 12/10/25 09:50	File ID : 151759-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	20	16.	78	20	15.	75	4	37-111	30
1,2,4-Trichlorobenzene	20	12.	58	20	13.	63	8	39-98	30
Hexachlorobenzene	20	14.	71	20	14.	69	3	40-140	30
Bis(2-chloroethyl)ether	20	17.	84	20	16.	82	2	40-140	30
2-Chloronaphthalene	20	13.	67	20	13.	65	3	40-140	30
1,2-Dichlorobenzene	20	13.	63	20	13.	65	3	40-140	30
1,3-Dichlorobenzene	20	11.	55	20	12.	61	10	40-140	30
1,4-Dichlorobenzene	20	12.	60	20	13.	64	6	36-97	30
3,3'-Dichlorobenzidine	20	18.	88	20	19.	93	6	40-140	30
2,4-Dinitrotoluene	20	18.	88	20	18.	92	4	48-143	30
2,6-Dinitrotoluene	20	14.	70	20	13.	67	4	40-140	30
Fluoranthene	20	15.	74	20	17.	84	13	40-140	30
4-Chlorophenyl phenyl ether	20	13.	66	20	14.	68	3	40-140	30
4-Bromophenyl phenyl ether	20	13.	64	20	14.	70	9	40-140	30
Bis(2-chloroisopropyl)ether	20	14.	68	20	15.	73	7	40-140	30
Bis(2-chloroethoxy)methane	20	17.	83	20	16.	82	1	40-140	30
Hexachlorobutadiene	20	8.6	43	20	8.2	41	5	40-140	30
Hexachlorocyclopentadiene	20	8.0	40	20	8.5	42	5	40-140	30
Hexachloroethane	20	12.	62	20	13.	64	3	40-140	30
Isophorone	20	16.	83	20	18.	88	6	40-140	30
Naphthalene	20	15.	74	20	14.	72	3	40-140	30
Nitrobenzene	20	17.	86	20	18.	90	5	40-140	30
NDPA/DPA	20	16.	82	20	16.	81	1	40-140	30
n-Nitrosodi-n-propylamine	20	17.	86	20	17.	86	0	29-132	30
Bis(2-ethylhexyl)phthalate	20	21.	105	20	24.	118	12	40-140	30
Butyl benzyl phthalate	20	19.	96	20	19.	97	1	40-140	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2151757-2	Analysis Date : 12/10/25 09:27	File ID : 151759-2
LCSD Sample ID	: WG2151757-3	Analysis Date : 12/10/25 09:50	File ID : 151759-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Di-n-butylphthalate	20	18.	91	20	19.	95	4	40-140	30
Di-n-octylphthalate	20	20.	98	20	22.	112	13	40-140	30
Diethyl phthalate	20	17.	86	20	18.	88	2	40-140	30
Dimethyl phthalate	20	14.	71	20	14.	71	0	40-140	30
Benzo(a)anthracene	20	16.	79	20	17.	83	5	40-140	30
Benzo(a)pyrene	20	16.	80	20	18.	93	15	40-140	30
Benzo(b)fluoranthene	20	15.	75	20	17.	87	15	40-140	30
Benzo(k)fluoranthene	20	15.	76	20	18.	89	16	40-140	30
Chrysene	20	16.	78	20	16.	79	1	40-140	30
Acenaphthylene	20	14.	72	20	14.	71	1	45-123	30
Anthracene	20	16.	81	20	16.	81	0	40-140	30
Benzo(ghi)perylene	20	15.	74	20	16.	78	5	40-140	30
Fluorene	20	16.	79	20	16.	81	3	40-140	30
Phenanthrene	20	16.	78	20	16.	79	1	40-140	30
Dibenzo(a,h)anthracene	20	16.	80	20	17.	84	5	40-140	30
Indeno(1,2,3-cd)pyrene	20	16.	80	20	17.	86	7	40-140	30
Pyrene	20	15.	74	20	15.	74	0	26-127	30
Biphenyl	20	13.	65	20	13.	65	0	40-140	30
4-Chloroaniline	20	13.	63	20	14.	70	11	40-140	30
2-Nitroaniline	20	17.	87	20	17.	85	2	52-143	30
3-Nitroaniline	20	19.	94	20	18.	89	5	25-145	30
4-Nitroaniline	20	19.	96	20	21.	104	8	51-143	30
Dibenzofuran	20	16.	78	20	16.	78	0	40-140	30
2-Methylnaphthalene	20	14.	69	20	14.	70	1	40-140	30
1,2,4,5-Tetrachlorobenzene	20	9.9	49	20	9.7	48	2	2-134	30
Acetophenone	20	16.	80	20	18.	88	10	39-129	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2151757-2	Analysis Date : 12/10/25 09:27	File ID : 151759-2
LCSD Sample ID	: WG2151757-3	Analysis Date : 12/10/25 09:50	File ID : 151759-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
2,4,6-Trichlorophenol	20	14.	70		20	14.	70		0	30-130	30
p-Chloro-m-cresol	20	16.	81		20	17.	86		6	23-97	30
2-Chlorophenol	20	16.	81		20	17.	86		6	27-123	30
2,4-Dichlorophenol	20	16.	81		20	16.	81		0	30-130	30
2,4-Dimethylphenol	20	17.	86		20	18.	88		2	30-130	30
2-Nitrophenol	20	18.	91		20	20.	101		10	30-130	30
4-Nitrophenol	20	13.	66		20	13.	66		0	10-80	30
2,4-Dinitrophenol	20	10.	51		20	11.	54		6	20-130	30
4,6-Dinitro-o-cresol	20	13.	67		20	14.	72		7	20-164	30
Pentachlorophenol	20	17.	84		20	18.	88		5	9-103	30
Phenol	20	10.	52		20	12.	59		13	12-110	30
2-Methylphenol	20	17.	86		20	18.	90		5	30-130	30
3-Methylphenol/4-Methylphenol	20	17.	84		20	16.	80		5	30-130	30
2,4,5-Trichlorophenol	20	14.	68		20	15.	73		7	30-130	30
Benzoic Acid	20	ND	0	Q	20	ND	0	Q	NC	10-164	30
Benzyl Alcohol	20	16.	82		20	16.	83		1	26-116	30
Carbazole	20	17.	87		20	18.	88		1	55-144	30

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2578222**
Project Name	**: GEIGER TEST PIT SAMPLING**	**Project Number**	**: 086328**
Instrument ID	**: SV109**	**Ical Ref**	**: ICAL22353**
Calibration dates	**: 06/05/25 18:55 06/06/25 12:49**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	n-Nitrosodimet	0.710	0.706	0.694	0.682	0.762	0.747	0.698	0.737	0.737	0.764	0.724	4.05
3)	t	Pyridine	1.224	1.269	1.192	1.176	1.303	1.373	1.216	1.311	1.270	1.334	1.267	5.08
4)	S	2-Fluorophenol	1.159	1.093	1.114	1.105	1.238	1.201	1.184	1.240	1.222	1.264	1.182	5.22
5)	T	Aniline	1.926	1.885	1.864	1.847	2.093	2.052	1.950	2.046	2.023	2.061	1.975	4.61
6)	t	2-Chlorophenol	1.382	1.290	1.310	1.320	1.480	1.459	1.382	1.417	1.391	1.348	1.378	4.54
7)	S	Phenol-d6	1.469	1.422	1.348	1.368	1.560	1.513	1.460	1.509	1.509	1.490	1.465	4.60
8)	T	Phenol	1.574	1.508	1.440	1.503	1.662	1.641	1.535	1.583	1.563	1.534	1.554	4.23
9)	T	Bis(2-chloroet	1.327	1.203	1.194	1.172	1.327	1.236	1.186	1.231	1.190	1.180	1.225	4.73
10)	T	1,3-Dichlorobe	1.790	1.610	1.585	1.546	1.689	1.613	1.531	1.556	1.503	1.495	1.592	5.70
11)	T	1,4-Dichlorobe	1.749	1.683	1.628	1.592	1.734	1.656	1.560	1.576	1.518	1.502	1.620	5.28
12)	T	1,2-Dichlorobe	1.734	1.681	1.519	1.535	1.690	1.579	1.484	1.518	1.481	1.446	1.567	6.42
13)	t	Benzyl alcohol	0.962	0.950	0.981	0.975	1.149	1.128	1.062	1.094	1.074	1.020	1.039	6.89
14)	T	Bis(2-chlorois	1.757	1.648	1.564	1.589	1.777	1.686	1.597	1.608	1.539	1.419	1.618	6.53
15)	T	2-Methylphenol	1.148	1.115	1.099	1.125	1.289	1.251	1.173	1.205	1.171	1.134	1.171	5.25
16)	T	Hexachloroethane	0.624	0.579	0.540	0.562	0.634	0.588	0.564	0.570	0.543	0.516	0.572	6.39
17)	T	n-Nitrosodi-n-	0.967	0.920	0.898	0.877	1.058	0.997	0.934	0.964	0.956	0.899	0.947	5.68
18)	T	3-Methylphenol	1.209	1.259	1.227	1.210	1.394	1.332	1.259	1.282	1.233	1.170	1.257	5.20
19)	S	Nitrobenzene-d5	1.319	1.287	1.283	1.294	1.486	1.447	1.359	1.397	1.370	1.279	1.352	5.40
20)	T	Nitrobenzene	1.276	1.302	1.294	1.315	1.508	1.479	1.369	1.394	1.351	1.264	1.355	6.18
21)	T	Isophorone	2.590	2.531	2.461	2.492	2.868	2.777	2.589	2.640	2.588	2.479	2.601	5.05
22)	T	2-Nitrophenol		0.538	0.564	0.600	0.711	0.736	0.706	0.745	0.727	0.669	0.666	11.83
23)	T	2,4-Dimethylph	1.343	1.321	1.313	1.318	1.529	1.504	1.397	1.420	1.380	1.313	1.384	5.74
24)	T	Bis(2-chloroet	1.725	1.635	1.566	1.602	1.796	1.706	1.591	1.590	1.560	1.487	1.626	5.64
25)	T	2,4-Dichloroph	1.177	1.176	1.135	1.168	1.369	1.355	1.250	1.266	1.216	1.163	1.227	6.65
26)	T	1,2,4-Trichlor	1.578	1.453	1.414	1.397	1.532	1.470	1.366	1.368	1.300	1.216	1.409	7.57
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	1.085	1.052	1.055	1.068	1.125	1.066	1.026	1.045	1.073	1.065	1.066	2.48
29)	T	Acetophenone	1.879	1.938	1.892	1.874	1.978	1.969	1.973	2.010	1.933	1.889	1.934	2.49
30)	T	m-Toluidine	1.009	1.441	1.561	1.687	1.878	1.915	1.839	1.897	1.875	1.838	1.694	17.03
31)	T	2-Chloroaniline	1.723	1.729	1.690	1.724	1.863	1.830	1.828	1.838	1.784	1.752	1.776	3.40
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.674	0.689	0.616	0.478	0.455	0.444	0.441	0.437	0.450	0.455	0.514	19.99
34)	T	n-Decane	0.904	1.182	1.206	1.184	1.199	1.247	1.147	1.157	1.174	1.167	1.157	8.07
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.205	1.125	1.076	1.059	1.150	1.099	1.031	1.032	1.004	0.962	1.074	6.76

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2578222**
Project Name	**: GEIGER TEST PIT SAMPLING**	**Project Number**	**: 086328**
Instrument ID	**: SV109**	**Ical Ref**	**: ICAL22353**
Calibration dates	**: 06/05/25 18:55 06/06/25 12:49**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
37)	T	Benzoic Acid					0.198	0.233	0.246	0.265	0.272	0.262	0.246	11.14
38)	T	4-Chloroaniline	0.134	0.123	0.128	0.124	0.142	0.135	0.128	0.130	0.131	0.125	0.130	4.50
39)	T	Hexachlorobuta	0.243	0.207	0.206	0.206	0.226	0.212	0.203	0.205	0.201	0.194	0.210	6.69
40)	T	p-Chloro-m-cresol	0.292	0.293	0.273	0.283	0.332	0.325	0.313	0.319	0.317	0.311	0.306	6.33
41)	T	2-Methylnaphth	0.736	0.683	0.654	0.642	0.710	0.678	0.637	0.649	0.634	0.618	0.664	5.60
42)	T	1-Methylnaphth	0.247	0.246	0.226	0.227	0.253	0.242	0.223	0.228	0.222	0.212	0.233	5.73
43)	T	Hexachlorocycl	0.239	0.224	0.225	0.232	0.270	0.264	0.266	0.274	0.270	0.260	0.252	7.95
44)	T	2,4,6-Trichlor	0.215	0.210	0.206	0.218	0.254	0.253	0.255	0.250	0.240	0.241	0.234	8.44
45)	T	2,4,5-Trichlor	0.244	0.260	0.261	0.255	0.294	0.282	0.255	0.258	0.256	0.234	0.260	6.59
46)	S	2-Fluorobiphenyl	1.005	0.921	0.871	0.864	0.948	0.891	0.824	0.813	0.780	0.732	0.865	9.40
47)	T	2-Chloronaphth	0.852	0.776	0.738	0.745	0.803	0.762	0.712	0.696	0.665	0.627	0.738	8.99
48)	T	2-Nitroaniline	0.207	0.195	0.196	0.205	0.244	0.250	0.234	0.237	0.232	0.219	0.222	9.08
49)	T	1,4-Dinitroben	0.098	0.087	0.091	0.092	0.113	0.117	0.113	0.115	0.115	0.110	0.105	11.04
50)	T	1,3-Dinitroben	0.103	0.107	0.104	0.112	0.135	0.134	0.128	0.128	0.126	0.119	0.119	10.28
51)	T	Dimethyl phtha	1.014	0.947	0.914	0.904	1.003	0.944	0.862	0.845	0.810	0.759	0.900	9.09
52)	T	Acenaphthylene	1.409	1.281	1.243	1.249	1.376	1.314	1.183	1.156	1.091	1.007	1.231	10.15
53)	T	2,6-Dinitrotol	0.181	0.166	0.169	0.175	0.199	0.199	0.186	0.185	0.175	0.163	0.180	7.06
54)	T	1,2-Dinitroben	0.076	0.069	0.073	0.078	0.090	0.087	0.081	0.079	0.075	0.073	0.078	8.14
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.221	0.230	0.222	0.223	0.243	0.247	0.252	0.260	0.250	0.233	0.238	5.91
57)	T	3-Chloroaniline	0.128	0.138	0.134	0.138	0.143	0.142	0.142	0.144	0.139	0.130	0.138	4.03
58)	T	2,6-Dichlorophenol	0.238	0.267	0.253	0.267	0.293	0.294	0.297	0.294	0.291	0.286	0.278	7.37
59)	T	1-chloro-2-nitrobenzene	0.133	0.132	0.126	0.129	0.139	0.142	0.142	0.147	0.143	0.141	0.137	4.97
60)	T	Caprolactam		0.111	0.120	0.117	0.134	0.149	0.151	0.155	0.150	0.145	0.137	12.47
61)	T	1,2,4,5-Tetrachloroben...	0.399	0.404	0.388	0.386	0.397	0.386	0.380	0.376	0.361	0.351	0.383	4.34
62)	T	Biphenyl	0.917	0.971	0.942	0.933	0.961	0.935	0.911	0.893	0.860	0.814	0.914	5.23
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.300	0.320	0.328	0.334	0.390	0.374	0.358	0.364	0.362	0.348	0.348	7.83
65)	T	Acenaphthene	1.229	1.204	1.159	1.138	1.218	1.146	1.083	1.104	1.094	1.039	1.141	5.50
66)	T	2,4-Dinitrophenol				0.106	0.138	0.154	0.161	0.180	0.185	0.175	0.157	17.77
67)	T	Dibenzofuran	2.116	1.952	1.818	1.820	1.996	1.875	1.750	1.745	1.717	1.619	1.841	8.02
68)	T	2,4-Dinitrotol	0.370	0.373	0.375	0.389	0.467	0.448	0.430	0.434	0.427	0.408	0.412	8.25
69)	T	4-Nitrophenol	0.216	0.209	0.230	0.230	0.283	0.281	0.288	0.299	0.298	0.275	0.261	13.59
70)	T	2,3,5,6-Tetrac	0.339	0.333	0.321	0.346	0.395	0.398	0.385	0.392	0.392	0.369	0.367	8.01
71)	T	2,3,4,6-Tetrachlorophenol	0.370	0.371	0.347	0.361	0.406	0.404	0.377	0.389	0.384	0.360	0.377	5.03
72)	T	Diethyl phthalate	1.633	1.502	1.448	1.461	1.647	1.568	1.472	1.491	1.462	1.384	1.507	5.56

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2578222**
Project Name	**: GEIGER TEST PIT SAMPLING**	**Project Number**	**: 086328**
Instrument ID	**: SV109**	**Ical Ref**	**: ICAL22353**
Calibration dates	**: 06/05/25 18:55 06/06/25 12:49**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
73)	T	Fluorene	1.628	1.527	1.488	1.451	1.590	1.505	1.396	1.398	1.368	1.280	1.463	7.25
74)	T	4-Chlorophenyl	0.822	0.776	0.711	0.698	0.767	0.718	0.661	0.652	0.634	0.590	0.703	10.12
75)	T	4-Nitroaniline	0.318	0.322	0.322	0.330	0.380	0.372	0.344	0.343	0.330	0.310	0.337	6.84
76)	T	4,6-Dinitro-o-			0.156	0.168	0.219	0.227	0.225	0.236	0.236	0.220	0.211	14.79
77)	T	NDPA/DPA	1.417	1.317	1.219	1.273	1.388	1.315	1.198	1.195	1.170	1.083	1.257	8.24
78)	T	Azobenzene	1.407	1.350	1.290	1.319	1.469	1.360	1.271	1.259	1.255	1.133	1.311	7.10
79)	S	2,4,6-Tribromo	0.240	0.247	0.222	0.241	0.270	0.255	0.239	0.233	0.221	0.209	0.238	7.42
80)	T	4-Bromophenyl	0.547	0.511	0.460	0.458	0.495	0.472	0.436	0.437	0.424	0.406	0.465	9.24
81)	T	Hexachlorobenzene	0.694	0.636	0.581	0.574	0.610	0.561	0.508	0.495	0.470	0.447	0.558	13.98
82)	T	Pentachlorophenol		0.207	0.225	0.248	0.304	0.334	0.325	0.329	0.323	0.312	0.290	16.97
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran		0.128	0.129	0.140	0.162	0.185	0.190	0.204	0.209	0.207	0.173	19.45
85)	T	Pentachloronitrobenzene	0.124	0.132	0.143	0.157	0.173	0.181	0.182	0.189	0.186	0.180	0.165	14.60
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.233	0.304	0.319	0.331	0.372	0.403	0.396	0.413	0.399	0.403	0.357	16.46
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.388	1.273	1.178	1.140	1.254	1.170	1.104	1.088	1.077	1.028	1.170	9.28
90)	T	Anthracene	1.343	1.230	1.158	1.153	1.267	1.200	1.122	1.104	1.084	1.033	1.169	7.92
91)	T	Carbazole	1.195	1.117	1.079	1.078	1.195	1.128	1.052	1.031	1.024	0.985	1.088	6.50
92)	T	Di-n-butylphth	1.113	1.153	1.094	1.137	1.366	1.351	1.322	1.327	1.328	1.210	1.240	8.78
93)	T	Fluoranthene	1.431	1.388	1.288	1.284	1.449	1.391	1.315	1.306	1.295	1.226	1.337	5.44
94)	T	Benzidine		0.512	0.558	0.653	0.837	0.872	0.855	0.871	0.879	0.845	0.765	19.34
95)	T	Pyrene	1.548	1.488	1.428	1.388	1.573	1.437	1.344	1.297	1.269	1.184	1.396	8.93
96)	S	4-Terphenyl-d14	1.217	1.146	1.081	1.066	1.193	1.115	1.050	1.012	0.992	0.930	1.080	8.34
97)	T	Butyl benzyl p	0.366	0.391	0.406	0.422	0.542	0.567	0.570	0.580	0.588	0.565	0.500	18.17
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.377	0.421	0.419	0.451	0.489	0.525	0.531	0.542	0.542	0.521	0.482	12.54
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.256	0.337	0.349	0.348	0.374	0.404	0.368	0.384	0.379	0.373	0.357	11.35
102)	T	Parathion				0.069	0.084	0.107	0.111	0.127	0.129	0.133	*Q	0.99
97)														
103)	T	3,3'-Dimethylb					0.542	0.730	0.777	0.839	0.830	0.818	0.756	14.87
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo(a)anthra	1.473	1.397	1.311	1.306	1.439	1.404	1.340	1.393	1.400	1.399	1.386	3.82
106)	T	3,3'-Dichlorob	0.402	0.421	0.425	0.442	0.536	0.537	0.515	0.521	0.504	0.494	0.480	10.79
107)	T	Chrysene	1.516	1.320	1.240	1.237	1.366	1.276	1.204	1.182	1.124	1.085	1.255	9.92

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2578222**
Project Name	**: GEIGER TEST PIT SAMPLING**	**Project Number**	**: 086328**
Instrument ID	**: SV109**	**Ical Ref**	**: ICAL22353**
Calibration dates	**: 06/05/25 18:55 06/06/25 12:49**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D
100 =AP9L8.D 150 =AP9L9.D 200 =ABNL10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
108)	T	Bis(2-ethylhex	0.531	0.561	0.575	0.634	0.798	0.823	0.814	0.857	0.845	0.833	0.727	18.41
109)	T	Di-n-octylphth				0.898	1.222	1.359	1.411	1.545	1.570	1.585	1.370	17.95
110)	T	Benzo(b)fluora	1.273	1.287	1.208	1.203	1.424	1.432	1.374	1.398	1.384	1.469	1.345	7.09
111)	T	Benzo(k)fluora	1.319	1.321	1.264	1.303	1.466	1.342	1.262	1.288	1.250	1.146	1.296	6.24
112)	T	Benzo(a)pyrene	1.149	1.141	1.096	1.128	1.324	1.294	1.254	1.288	1.269	1.270	1.221	6.79
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-c	0.922	0.928	0.891	0.917	1.118	1.158	1.167	1.232	1.250	1.280	1.086	14.31
115)	T	Dibenzo(a,h)an	0.966	0.998	0.961	0.973	1.149	1.148	1.114	1.124	1.147	1.122	1.070	7.83
116)	T	Benzo(ghi)pery	1.099	1.078	1.017	1.049	1.212	1.188	1.145	1.151	1.134	1.119	1.119	5.38

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2578222**
Project Name	**: GEIGER TEST PIT SAMPLING**	**Project Number**	**: 086328**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL22568**
Calibration dates	**: 08/20/25 12:47 08/20/25 23:44**		

Calibration Files

L1 =ADPL1.D L2 =ADPL2.D L3 =ADPL3.D L4 =ADPL4.D L5 =ADPL5.D L6 =ADPL6.D L7 =ADPL7.D
L8 =ADPL8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	t	N-Nitrosodimethylamine	0.577	0.598	0.609	0.613	0.578	0.591	0.582	0.581	0.619	0.594	2.73
3)	t	Pyridine		0.611	0.673	0.676	0.654	0.712	0.741	0.843	0.921	*L	0.9927
4)	S	2-Fluorophenol	0.741	0.777	0.906	0.965	0.866	0.902	0.896	0.909	0.966	0.881	8.69
5)	T	Aniline	0.942	1.377	1.518	1.640	1.560	1.530	1.542	1.569	1.675	1.484	14.81
6)	t	2-Chlorophenol	0.985	1.034	1.103	1.092	1.054	1.078	1.073	1.087	1.171	1.075	4.72
7)	S	Phenol-d6	1.098	1.215	1.342	1.193	1.097	1.134	1.128	1.143	1.228	1.175	6.68
8)	T	Phenol	1.200	1.279	1.357	1.430	1.351	1.357	1.340	1.380	1.467	1.351	5.77
9)	T	bis(2-Chloroethyl)ether	0.919	1.013	1.043	1.021	0.973	0.934	0.907	0.918	0.981	0.968	5.21
10)	T	1,3-Dichlorobenzene	1.561	1.545	1.596	1.605	1.502	1.464	1.431	1.421	1.515	1.515	4.44
11)	T	1,4-Dichlorobenzene	1.356	1.667	1.656	1.635	1.498	1.503	1.464	1.445	1.562	1.532	6.93
12)	T	1,2-Dichlorobenzene	1.399	1.538	1.508	1.588	1.417	1.449	1.392	1.411	1.506	1.467	4.76
13)	t	Benzyl alcohol	0.620	0.713	0.892	0.873	0.814	0.826	0.847	0.900	0.973	0.829	12.76
14)	T	bis(2-chloroisopropyl)ether	1.746	1.925	1.794	1.749	1.706	1.655	1.600	1.616	1.725	1.724	5.74
15)	T	2-Methylphenol	0.756	0.780	0.983	0.900	0.941	0.935	0.944	0.960	1.040	0.915	10.07
16)	T	Hexachloroethane	0.421	0.607	0.585	0.592	0.531	0.518	0.518	0.525	0.558	0.539	10.34
17)	T	n-Nitrosodi-n-propylamine	0.856	0.694	0.813	0.790	0.768	0.783	0.777	0.826	0.867	0.797	6.53
18)	T	3-Methylphenol/4-Methylphenol	1.006	1.049	1.029	1.007	0.961	0.999	1.024	1.055	1.122	1.028	4.39
19)	S	Nitrobenzene-d5	1.248	0.917	1.027	1.175	1.059	1.119	1.117	1.162	1.227	1.117	9.31
20)	T	Nitrobenzene	1.048	0.993	1.159	1.112	1.106	1.159	1.124	1.195	1.261	1.128	6.95
21)	T	Isophorone	1.667	1.950	2.067	2.087	1.997	2.102	2.099	2.223	2.343	2.059	9.10
22)	T	2-Nitrophenol			0.450	0.515	0.473	0.508	0.537	0.590	0.634	0.530	12.14
23)	T	2,4-Dimethylphenol	0.828	0.933	1.052	1.115	1.050	1.093	1.097	1.158	1.219	1.061	11.09
24)	T	bis(2-Chloroethoxy)methane	1.341	1.351	1.449	1.441	1.298	1.349	1.306	1.362	1.424	1.369	4.10
25)	T	2,4-Dichlorophenol		1.045	1.134	1.240	1.130	1.158	1.190	1.253	1.361	1.189	8.05
26)	T	1,2,4-Trichlorobenzene	1.454	1.370	1.544	1.546	1.437	1.486	1.475	1.496	1.643	1.494	5.18
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde			0.672	0.588	0.496	0.489	0.488	0.495	0.510	0.534	13.12
29)	T	Acetophenone	1.576	1.918	1.940	1.655	1.532	1.523	1.565	1.597	1.661	1.663	9.51
30)	T	m-Toluidine			0.953	0.792	0.880	0.958	1.004	1.029	1.080	0.957	10.06
31)	T	2-Chloroaniline	1.272	1.488	1.695	1.374	1.376	1.405	1.450	1.458	1.505	1.447	8.06
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)	T	1,4-Dioxane				0.437	0.421	0.402	0.408	0.405	0.396	0.411	3.66
34)	t	n-Nitrosodieth										0.000	-1.00
35)	T	n-Decane	1.620	1.286	1.394	1.260	1.144	1.198	1.201	1.165	1.164	1.270	12.01
36)	t	n-Nitrosopyrro										0.000	-1.00

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2578222**
Project Name	**: GEIGER TEST PIT SAMPLING**	**Project Number**	**: 086328**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL22568**
Calibration dates	**: 08/20/25 12:47 08/20/25 23:44**		

Calibration Files
L1 =ADPL1.D L2 =ADPL2.D L3 =ADPL3.D L4 =ADPL4.D L5 =ADPL5.D L6 =ADPL6.D L7 =ADPL7.D
L8 =ADPL8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	I	IS1_Naphthalene-d8	----------ISTD----------										
38)	T	Naphthalene	1.023	0.995	1.038	1.024	0.972	0.964	0.964	0.955	1.005	0.993	3.11
39)	T	Benzoic Acid			0.052	0.076	0.112	0.127	0.162	0.208	0.235	*Q	0.9977
40)	T	4-Chloroaniline	0.154	0.114	0.140	0.125	0.116	0.118	0.122	0.122	0.129	0.127	10.24
41)	T	Hexachlorobutadiene	0.292	0.260	0.266	0.274	0.264	0.260	0.262	0.262	0.288	0.270	4.49
42)	T	p-Chloro-m-cresol	0.235	0.285	0.243	0.252	0.263	0.259	0.266	0.274	0.291	0.263	7.05
43)	T	2-Methylnaphthalene	0.598	0.634	0.700	0.671	0.647	0.644	0.655	0.654	0.697	0.656	4.82
44)	T	1-Methylnaphthalene	0.275	0.242	0.262	0.246	0.230	0.230	0.234	0.234	0.249	0.245	6.32
45)	T	Hexachlorocyclopentadiene	0.222	0.278	0.304	0.300	0.305	0.314	0.318	0.336	0.373	0.306	13.42
46)	T	2,4,6-Trichlorophenol	0.231	0.236	0.279	0.279	0.280	0.279	0.293	0.309	0.337	0.280	11.63
47)	T	2,4,5-Trichlorophenol	0.274	0.264	0.289	0.296	0.304	0.318	0.332	0.338	0.372	0.310	10.99
48)	S	2-Fluorobiphenyl	0.966	0.983	1.004	1.001	0.982	0.965	0.956	0.976	1.052	0.987	2.93
49)	T	2-Chloronaphthalene	0.772	0.781	0.829	0.822	0.808	0.798	0.797	0.810	0.876	0.810	3.77
50)	T	2-Nitroaniline			0.179	0.173	0.186	0.200	0.214	0.231	0.246	0.204	13.37
51)	T	1,4-Dinitrobenzene	0.093	0.088	0.097	0.093	0.098	0.102	0.108	0.121	0.128	0.103	13.24
52)	T	1,3-Dinitrobenzene		0.086	0.098	0.109	0.113	0.120	0.126	0.138	0.149	0.117	17.64
53)	T	Dimethyl phthalate	0.964	0.928	1.008	1.049	1.020	1.019	0.989	1.046	1.107	1.014	5.11
54)	T	Acenaphthylene	1.065	1.169	1.235	1.288	1.290	1.294	1.279	1.342	1.432	1.266	8.19
55)	T	2,6-Dinitrotoluene			0.174	0.191	0.194	0.197	0.196	0.214	0.228	0.199	8.64
56)	T	1,2-Dinitrobenzene		0.056	0.067	0.066	0.072	0.076	0.078	0.086	0.089	0.074	15.07
57)	I	IS2_Naphthalene-d8	----------ISTD----------										
58)	T	a-Terpineol	0.191	0.256	0.322	0.246	0.223	0.230	0.236	0.245	0.257	0.245	14.38
59)	T	3-Chloroaniline				0.137	0.114	0.116	0.120	0.119	0.124	0.122	6.99
60)	T	2,6-Dichlorophenol	0.273	0.361	0.373	0.321	0.308	0.316	0.326	0.332	0.356	0.330	9.32
61)	T	1-chloro-2-nitrobenzene	0.130	0.169	0.149	0.116	0.117	0.129	0.133	0.131	0.139	0.135	12.21
62)	T	Caprolactam			0.135	0.124	0.102	0.120	0.131	0.136	0.149	0.128	11.40
63)	T	1,2,4,5-Tetrachlorobenzene	0.566	0.485	0.556	0.490	0.458	0.460	0.472	0.468	0.502	0.495	8.07
64)	T	Biphenyl	0.996	1.084	1.212	1.022	0.960	0.953	0.993	0.958	1.005	1.020	8.10
65)	I	IS1_Acenaphthene-d10	----------ISTD----------										
66)	T	3-Nitroaniline			0.256	0.259	0.255	0.268	0.284	0.294	0.301	0.274	6.99
67)	T	Acenaphthene	1.116	1.079	1.113	1.055	0.992	0.966	0.974	0.979	1.038	1.035	5.76
68)	T	2,4-Dinitrophenol				0.124	0.135	0.148	0.169	0.184	0.190	0.158	16.84
69)	T	Dibenzofuran	1.893	1.923	1.955	1.862	1.743	1.701	1.721	1.712	1.822	1.815	5.41
70)	T	2,4-Dinitrotoluene	0.315	0.316	0.353	0.343	0.364	0.374	0.394	0.417	0.447	0.369	12.03
71)	T	4-Nitrophenol		0.189	0.181	0.191	0.198	0.202	0.210	0.223	0.234	0.204	8.91
72)	T	2,3,5,6-Tetrachlorophenol	0.221	0.352	0.403	0.367	0.359	0.370	0.391	0.416	0.449	0.370	17.27

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2578222**
Project Name	**: GEIGER TEST PIT SAMPLING**	**Project Number**	**: 086328**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL22568**
Calibration dates	**: 08/20/25 12:47 08/20/25 23:44**		

Calibration Files

L1 =ADPL1.D L2 =ADPL2.D L3 =ADPL3.D L4 =ADPL4.D L5 =ADPL5.D L6 =ADPL6.D L7 =ADPL7.D
L8 =ADPL8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD	
73)	T	2,3,4,6-Tetrachlorophenol	0.372	0.352	0.385	0.403	0.368	0.375	0.392	0.404	0.432	0.387	6.17	
74)	T	Diethyl phthalate	1.369	1.351	1.418	1.458	1.388	1.369	1.369	1.380	1.447	1.394	2.70	
75)	T	Fluorene	1.344	1.432	1.518	1.485	1.364	1.331	1.350	1.373	1.471	1.408	4.97	
76)	T	4-Chlorophenyl-phenylether	0.750	0.784	0.818	0.785	0.735	0.731	0.726	0.736	0.779	0.760	4.23	
77)	T	4-Nitroaniline		0.221	0.257	0.264	0.270	0.267	0.278	0.299	0.308	0.270	9.83	
78)	T	4,6-Dinitro-o-cresol				0.193	0.212	0.227	0.238	0.266	0.282	0.236	14.16	
79)	T	NDPA/DPA	1.229	1.213	1.300	1.235	1.219	1.174	1.178	1.190	1.279	1.224	3.52	
80)	T	Azobenzene	1.069	1.117	1.187	1.224	1.170	1.146	1.140	1.142	1.196	1.155	4.00	
81)	S	2,4,6-Tribromophenol	0.204	0.262	0.229	0.216	0.213	0.213	0.227	0.236	0.264	0.229	9.28	
82)	T	4-Bromophenyl-phenylether	0.563	0.503	0.534	0.499	0.434	0.443	0.455	0.459	0.501	0.488	8.90	
83)	T	Hexachlorobenzene	0.596	0.581	0.602	0.571	0.525	0.528	0.530	0.545	0.593	0.564	5.60	
84)	T	Pentachlorophenol			0.283	0.288	0.278	0.293	0.315	0.326	0.360	0.306	9.58	
85)	I	IS2_Acenaphthene-d10	----------ISTD----------											
86)	T	Dichloran	0.165	0.233	0.207	0.185	0.159	0.175	0.213	0.216	0.241	0.199	14.72	
87)	T	Pentachloronitrobenzene	0.161	0.189	0.228	0.176	0.174	0.183	0.210	0.215	0.240	0.197	13.69	
88)	I	IS3_Acenaphthene-d10	----------ISTD----------											
89)	T	Atrazine	0.563	0.500	0.537	0.439	0.416	0.463	0.461	0.471	0.526	0.486	9.97	
90)	I	IS1_Phenanthrene-d10	----------ISTD----------											
91)	T	Phenanthrene	1.135	1.204	1.178	1.110	1.053	1.025	1.034	1.041	1.094	1.097	5.93	
92)	T	Anthracene	0.994	1.001	1.123	1.072	1.042	1.025	1.053	1.073	1.142	1.058	4.79	
93)	T	Carbazole	0.987	0.991	1.011	0.970	0.952	0.948	0.955	0.982	1.034	0.981	2.91	
94)	T	Di-n-butylphthalate	0.983	0.897	1.001	0.971	1.020	1.063	1.102	1.135	1.188	1.040	8.70	
95)	T	Fluoranthene	1.267	1.264	1.372	1.318	1.292	1.283	1.309	1.358	1.404	1.319	3.73	
96)	T	Benzidine				0.606	0.636	0.737	0.761	0.829	0.896	0.744	14.88	
97)	T	Pyrene	1.352	1.382	1.502	1.401	1.376	1.383	1.382	1.432	1.485	1.411	3.68	
98)	S	4-Terphenyl-d14	0.975	0.953	1.068	1.046	1.018	1.023	1.018	1.074	1.142	1.035	5.41	
99)	T	Butyl benzyl phthalate			0.392	0.371	0.410	0.445	0.483	0.542	0.581	0.461	17.07	
100)	I	IS2_Phenanthrene-d10	----------ISTD----------											
101)	T	Diphenamid	0.421	0.527	0.567	0.459	0.453	0.446	0.488	0.494	0.517	0.486	9.47	
102)	I	IS3_Phenanthrene-d10	----------ISTD----------											
103)	T	n-Octadecane	0.511	0.401	0.378	0.339	0.323	0.347	0.349	0.311	0.350	0.368	16.31	
104)	T	Parathion	0.063	0.100	0.097	0.078	0.069	0.085	0.090	0.099	0.117		*Q	0.9993
105)	T	3,3'-Dimethylbenzidine		0.186	0.490	0.559	0.645	0.783	0.841	0.987	1.011		*Q	0.9979
106)	I	IS1_Chrysene-d12	----------ISTD----------											
107)	T	Benzo[a]anthracene	1.220	1.174	1.244	1.261	1.192	1.183	1.219	1.202	1.241	1.215	2.47	
108)	T	3,3'-Dichlorobenzidine	0.313	0.398	0.445	0.433	0.440	0.454	0.473	0.487	0.501	0.438	12.76	

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2578222**
Project Name	**: GEIGER TEST PIT SAMPLING**	**Project Number**	**: 086328**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL22568**
Calibration dates	**: 08/20/25 12:47 08/20/25 23:44**		

Calibration Files

L1 =ADPL1.D L2 =ADPL2.D L3 =ADPL3.D L4 =ADPL4.D L5 =ADPL5.D L6 =ADPL6.D L7 =ADPL7.D

L8 =ADPL8.D L9 =ADPL9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109)	T	Chrysene	1.344	1.339	1.382	1.285	1.146	1.158	1.162	1.115	1.177	1.234	8.31
110)	T	bis(2-Ethylhexyl)phthalate	0.443	0.456	0.524	0.508	0.591	0.646	0.667	0.672	0.705	0.579	17.14
111)	T	Di-n-octylphthalate			0.848	0.844	0.938	1.066	1.110	1.151	1.214	1.024	14.48
112)	T	Benzo(b)fluoranthene	1.074	1.273	1.392	1.184	1.220	1.198	1.245	1.177	1.280	1.227	7.12
113)	T	Benzo(k)fluoranthene	1.074	1.214	1.328	1.269	1.228	1.231	1.193	1.231	1.272	1.227	5.68
114)	T	Benzo(a)pyrene	0.971	1.055	1.159	1.127	1.105	1.139	1.143	1.150	1.225	1.119	6.41
115)	I	IS1_Perylene-d12	----------ISTD----------										
116)	T	Indeno(1,2,3-cd)pyrene	0.960	1.055	1.128	1.079	1.044	1.104	1.189	1.204	1.339	1.122	9.83
117)	T	Dibenzo[a,h]anthracene	0.988	1.028	1.170	1.139	1.120	1.114	1.174	1.177	1.277	1.132	7.55
118)	T	Benzo(g,h,i)perylene	0.982	1.180	1.180	1.137	1.125	1.105	1.177	1.168	1.251	1.145	6.46

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: DAKOTA		Calibration Date	: 12/10/25 06:48	
Lab File ID	: ABN1210		Init. Calib. Date(s)	: 08/20/25	08/20/25
Sample No	: WG2151858-3		Init. Calib. Times	: 12:47	23:44
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	95	0
n-Nitrosodimethylamine	0.594	0.655	-	-10.3	20	105	0
Pyridine	5	4.285	-	14.3	20	96	0
2-Fluorophenol	0.881	0.999	-	-13.4	20	105	0
Aniline	1.484	1.653	-	-11.4	20	103	0
2-Chlorophenol	1.075	1.175	-	-9.3	20	103	0
Phenol-d6	1.175	1.237	-	-5.3	20	103	0
Phenol	1.351	1.486	-	-10	20	104	0
Bis(2-chloroethyl)ether	0.968	0.973	-	-0.5	20	99	0
1,3-Dichlorobenzene	1.515	1.352	-	10.8	20	88	0
1,4-Dichlorobenzene	1.532	1.387	-	9.5	20	88	0
1,2-Dichlorobenzene	1.467	1.333	-	9.1	20	87	0
Benzyl alcohol	0.829	0.892	-	-7.6	20	102	0
Bis(2-chloroisopropyl)ethe	1.724	1.481	-	14.1	20	85	0
2-Methylphenol	0.915	1.031	-	-12.7	20	105	0
Hexachloroethane	0.539	0.549	-	-1.9	20	101	0
n-Nitrosodi-n-propylamine	0.797	0.768	-	3.6	20	93	0
3-Methylphenol/4-Methylphe	1.028	1.153	-	-12.2	20	109	0
Nitrobenzene-d5	1.117	1.221	-	-9.3	20	103	0
Nitrobenzene	1.128	1.22	-	-8.2	20	100	0
Isophorone	2.059	2.176	-	-5.7	20	98	0
2-Nitrophenol	0.53	0.631	-	-19.1	20	118	0
2,4-Dimethylphenol	1.061	1.194	-	-12.5	20	104	0
Bis(2-chloroethoxy)methane	1.369	1.376	-	-0.5	20	97	0
2,4-Dichlorophenol	1.189	1.158	-	2.6	20	95	0
1,2,4-Trichlorobenzene	1.494	1.299	-	13.1	20	83	0
IS1_Naphthalene-d8	1	1	-	0	20	100	0
Naphthalene	0.993	0.971	-	2.2	20	101	0
Benzoic Acid	5	4.177	-	16.5	20	96	0
4-Chloroaniline	0.127	0.107	-	15.7	20	91	0
Hexachlorobutadiene	0.27	0.189	-	30*	20	73	0
p-Chloro-m-cresol	0.263	0.268	-	-1.9	20	104	0
2-Methylnaphthalene	0.656	0.601	-	8.4	20	94	0
1-Methylnaphthalene	0.245	0.226	-	7.8	20	99	0
Hexachlorocyclopentadiene	0.306	0.241	-	21.2*	20	77	0
2,4,6-Trichlorophenol	0.28	0.237	-	15.4	20	85	0
2,4,5-Trichlorophenol	0.31	0.268	-	13.5	20	85	0
2-Fluorobiphenyl	0.987	0.794	-	19.6	20	83	0
2-Chloronaphthalene	0.81	0.683	-	15.7	20	86	0
2-Nitroaniline	0.204	0.213	-	-4.4	20	107	0
1,4-Dinitrobenzene	0.103	0.093	-	9.7	20	92	0
1,3-Dinitrobenzene	0.117	0.11	-	6	20	92	0
Dimethyl phthalate	1.014	0.824	-	18.7	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: DAKOTA		Calibration Date	: 12/10/25 06:48	
Lab File ID	: ABN1210		Init. Calib. Date(s)	: 08/20/25	08/20/25
Sample No	: WG2151858-3		Init. Calib. Times	: 12:47	23:44
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.266	1.109	-	12.4	20	86	0
2,6-Dinitrotoluene	0.199	0.168	-	15.6	20	86	0
1,2-Dinitrobenzene	0.074	0.07	-	5.4	20	93	0
IS1_Acenaphthene-d10	1	1	-	0	20	85	0
3-Nitroaniline	0.274	0.311	-	-13.5	20	98	0
Acenaphthene	1.035	0.996	-	3.8	20	87	0
2,4-Dinitrophenol	0.158	0.124	-	21.5*	20	71	0
Dibenzofuran	1.815	1.651	-	9	20	82	0
2,4-Dinitrotoluene	0.369	0.39	-	-5.7	20	88	0
4-Nitrophenol	0.204	0.233	-	-14.2	20	98	0
2,3,5,6-Tetrachlorophenol	0.37	0.342	-	7.6	20	78	0
2,3,4,6-Tetrachlorophenol	0.387	0.331	-	14.5	20	75	0
Diethyl phthalate	1.394	1.341	-	3.8	20	83	0
Fluorene	1.408	1.312	-	6.8	20	84	0
4-Chlorophenyl phenyl ethe	0.76	0.62	-	18.4	20	72	0
4-Nitroaniline	0.27	0.321	-	-18.9	20	102	0
4,6-Dinitro-o-cresol	0.236	0.214	-	9.3	20	80	0
NDPA/DPA	1.224	1.142	-	6.7	20	82	0
Azobenzene	1.155	1.271	-	-10	20	94	0
2,4,6-Tribromophenol	0.229	0.196	-	14.4	20	78	0
4-Bromophenyl phenyl ether	0.488	0.375	-	23.2*	20	72	0
Hexachlorobenzene	0.564	0.45	-	20.2*	20	72	0
Pentachlorophenol	0.306	0.306	-	0	20	88	0
IS1_Phenanthrene-d10	1	1	-	0	20	83	0
Phenanthrene	1.097	1.003	-	8.6	20	81	0
Anthracene	1.058	1.003	-	5.2	20	81	0
Carbazole	0.981	0.98	-	0.1	20	86	0
Di-n-butylphthalate	1.04	1.119	-	-7.6	20	87	0
Fluoranthene	1.319	1.147	-	13	20	74	0
Benzidine	0.744	0.758	-	-1.9	20	85	0
Pyrene	1.411	1.245	-	11.8	20	74	0
4-Terphenyl-d14	1.035	0.843	-	18.6	20	68	0
Butyl benzyl phthalate	0.461	0.529	-	-14.8	20	98	0
IS1_Chrysene-d12	1	1	-	0	20	77	0
Benzo(a)anthracene	1.215	1.121	-	7.7	20	73	0
3,3'-Dichlorobenzidine	0.438	0.456	-	-4.1	20	77	0
Chrysene	1.234	1.051	-	14.8	20	70	0
Bis(2-ethylhexyl)phthalate	0.579	0.758	-	-30.9*	20	90	0
Di-n-octylphthalate	1.024	1.3	-	-27*	20	94	0
Benzo(b)fluoranthene	1.227	1.204	-	1.9	20	77	0
Benzo(k)fluoranthene	1.227	1.157	-	5.7	20	72	0
Benzo(a)pyrene	1.119	1.13	-	-1	20	76	0
IS1_Perylene-d12	1	1	-	0	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: DAKOTA		Calibration Date	: 12/10/25 06:48	
Lab File ID	: ABN1210		Init. Calib. Date(s)	: 08/20/25	08/20/25
Sample No	: WG2151858-3		Init. Calib. Times	: 12:47	23:44
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.122	1.099	-	2	20	81	0
Dibenzo(a,h)anthracene	1.132	1.085	-	4.2	20	79	0
Benzo(ghi)perylene	1.145	1.091	-	4.7	20	80	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: JULIET		Calibration Date	: 12/10/25 07:06	
Lab File ID	: ABN1210		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2151886-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	102	0
n-Nitrosodimethylamine	0.546	0.593	-	-8.6	20	110	0
Pyridine	0.975	0.857	-	12.1	20	92	0
2-Fluorophenol	0.985	1.025	-	-4.1	20	107	0
Aniline	1.622	1.58	-	2.6	20	103	0
2-Chlorophenol	1.264	1.257	-	0.6	20	106	0
Phenol-d6	1.265	1.241	-	1.9	20	104	0
Phenol	1.411	1.352	-	4.2	20	102	0
Bis(2-chloroethyl)ether	0.911	0.989	-	-8.6	20	115	0
1,3-Dichlorobenzene	1.548	1.435	-	7.3	20	102	0
1,4-Dichlorobenzene	1.574	1.483	-	5.8	20	102	0
1,2-Dichlorobenzene	1.517	1.429	-	5.8	20	103	0
Benzyl alcohol	0.892	0.911	-	-2.1	20	104	0
Bis(2-chloroisopropyl)ethe	1.331	1.515	-	-13.8	20	122	0
2-Methylphenol	1.052	1.008	-	4.2	20	100	0
Hexachloroethane	0.495	0.515	-	-4	20	111	0
n-Nitrosodi-n-propylamine	0.777	0.813	-	-4.6	20	112	0
3-Methylphenol/4-Methylphe	1.12	1.095	-	2.2	20	102	0
Nitrobenzene-d5	1.104	1.175	-	-6.4	20	109	0
Nitrobenzene	1.089	1.139	-	-4.6	20	109	0
Isophorone	2.147	2.197	-	-2.3	20	111	0
2-Nitrophenol	0.624	0.737	-	-18.1	20	117	0
2,4-Dimethylphenol	1.254	1.196	-	4.6	20	99	0
Bis(2-chloroethoxy)methane	1.33	1.415	-	-6.4	20	114	0
2,4-Dichlorophenol	1.424	1.298	-	8.8	20	95	0
1,2,4-Trichlorobenzene	1.727	1.483	-	14.1	20	94	0
IS1_Naphthalene-d8	1	1	-	0	20	104	0
Naphthalene	1.063	1.002	-	5.7	20	103	0
Benzoic Acid	50	51.217	-	-2.4	20	105	0
4-Chloroaniline	0.108	0.105	-	2.8	20	101	0
Hexachlorobutadiene	0.298	0.235	-	21.1*	20	89	0
p-Chloro-m-cresol	0.294	0.282	-	4.1	20	101	0
2-Methylnaphthalene	0.719	0.65	-	9.6	20	100	0
1-Methylnaphthalene	0.227	0.201	-	11.5	20	95	0
Hexachlorocyclopentadiene	0.323	0.246	-	23.8*	20	78	0
2,4,6-Trichlorophenol	0.342	0.287	-	16.1	20	87	0
2,4,5-Trichlorophenol	0.371	0.332	-	10.5	20	102	0
2-Fluorobiphenyl	1.105	0.923	-	16.5	20	91	0
2-Chloronaphthalene	0.883	0.798	-	9.6	20	100	0
2-Nitroaniline	0.223	0.249	-	-11.7	20	109	0
1,4-Dinitrobenzene	0.104	0.126	-	-21.2*	20	114	0
1,3-Dinitrobenzene	0.124	0.135	-	-8.9	20	103	0
Dimethyl phthalate	1.098	0.964	-	12.2	20	97	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: JULIET		Calibration Date	: 12/10/25 07:06	
Lab File ID	: ABN1210		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2151886-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.459	1.258	-	13.8	20	93	0
2,6-Dinitrotoluene	0.2	0.209	-	-4.5	20	104	0
1,2-Dinitrobenzene	0.08	0.085	-	-6.3	20	102	0
IS1_Acenaphthene-d10	1	1	-	0	20	92	0
3-Nitroaniline	0.302	0.352	-	-16.6	20	105	0
Acenaphthene	1.179	1.123	-	4.7	20	93	0
2,4-Dinitrophenol	50	75.039	-	-50.1*	20	152	0
Dibenzofuran	1.987	1.9	-	4.4	20	97	0
2,4-Dinitrotoluene	0.393	0.468	-	-19.1	20	104	0
4-Nitrophenol	0.189	0.24	-	-27*	20	117	0
2,3,5,6-Tetrachlorophenol	0.472	0.458	-	3	20	92	0
2,3,4,6-Tetrachlorophenol	0.484	0.44	-	9.1	20	88	0
Diethyl phthalate	1.464	1.507	-	-2.9	20	104	0
Fluorene	1.571	1.523	-	3.1	20	97	0
4-Chlorophenyl phenyl ethe	0.853	0.762	-	10.7	20	88	0
4-Nitroaniline	0.317	0.352	-	-11	20	101	0
4,6-Dinitro-o-cresol	50	76.174	-	-52.3*	20	150	0
NDPA/DPA	1.356	1.31	-	3.4	20	97	0
Azobenzene	1	1.114	-	-11.4	20	107	0
2,4,6-Tribromophenol	0.254	0.223	-	12.2	20	86	0
4-Bromophenyl phenyl ether	0.539	0.482	-	10.6	20	92	0
Hexachlorobenzene	0.597	0.529	-	11.4	20	93	0
Pentachlorophenol	0.354	0.363	-	-2.5	20	91	0
IS1_Phenanthrene-d10	1	1	-	0	20	93	0
Phenanthrene	1.151	1.078	-	6.3	20	94	0
Anthracene	1.169	1.092	-	6.6	20	93	0
Carbazole	1.1	1.059	-	3.7	20	99	0
Di-n-butylphthalate	1.153	1.24	-	-7.5	20	105	0
Fluoranthene	1.561	1.414	-	9.4	20	91	0
Benzidine	0.982	0.862	-	12.2	20	86	0
Pyrene	1.633	1.479	-	9.4	20	90	0
4-Terphenyl-d14	1.213	1.063	-	12.4	20	88	0
Butyl benzyl phthalate	0.523	0.6	-	-14.7	20	105	0
IS1_Chrysene-d12	1	1	-	0	20	90	0
Benzo(a)anthracene	1.536	1.397	-	9	20	88	0
3,3'-Dichlorobenzidine	0.566	0.531	-	6.2	20	87	0
Chrysene	1.37	1.293	-	5.6	20	92	0
Bis(2-ethylhexyl)phthalate	0.661	0.792	-	-19.8	20	105	0
Di-n-octylphthalate	1.154	1.413	-	-22.4*	20	103	0
Benzo(b)fluoranthene	1.488	1.399	-	6	20	89	0
Benzo(k)fluoranthene	1.444	1.311	-	9.2	20	87	0
Benzo(a)pyrene	1.396	1.313	-	5.9	20	87	0
IS1_Perylene-d12	1	1	-	0	20	90	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: JULIET		Calibration Date	: 12/10/25 07:06	
Lab File ID	: ABN1210		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2151886-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.283	1.249	-	2.7	20	90	0
Dibenzo(a,h)anthracene	1.22	1.136	-	6.9	20	86	0
Benzo(ghi)perylene	1.239	1.204	-	2.8	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: SV109		Calibration Date	: 12/10/25 07:19	
Lab File ID	: ABN1210		Init. Calib. Date(s)	: 06/05/25	06/06/25
Sample No	: WG2151891-3		Init. Calib. Times	: 18:55	12:49
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	95	0
n-Nitrosodimethylamine	0.724	0.637	-	12	20	87	0
Pyridine	1.267	0.897	-	29.2*	20	70	0
2-Fluorophenol	1.182	1.17	-	1	20	94	0
Aniline	1.975	1.918	-	2.9	20	94	0
2-Chlorophenol	1.378	1.4	-	-1.6	20	96	0
Phenol-d6	1.465	1.45	-	1	20	94	0
Phenol	1.554	1.537	-	1.1	20	95	0
Bis(2-chloroethyl)ether	1.225	1.201	-	2	20	96	0
1,3-Dichlorobenzene	1.592	1.544	-	3	20	96	0
1,4-Dichlorobenzene	1.62	1.557	-	3.9	20	95	0
1,2-Dichlorobenzene	1.567	1.522	-	2.9	20	98	0
Benzyl alcohol	1.039	1.092	-	-5.1	20	98	0
Bis(2-chloroisopropyl)ethe	1.618	1.767	-	-9.2	20	105	0
2-Methylphenol	1.171	1.183	-	-1	20	96	0
Hexachloroethane	0.572	0.579	-	-1.2	20	98	0
n-Nitrosodi-n-propylamine	0.947	0.953	-	-0.6	20	97	0
3-Methylphenol/4-Methylphe	1.257	1.267	-	-0.8	20	96	0
Nitrobenzene-d5	1.352	1.356	-	-0.3	20	95	0
Nitrobenzene	1.355	1.374	-	-1.4	20	95	0
Isophorone	2.601	2.517	-	3.2	20	92	0
2-Nitrophenol	0.666	0.807	-	-21.2*	20	109	0
2,4-Dimethylphenol	1.384	1.38	-	0.3	20	94	0
Bis(2-chloroethoxy)methane	1.626	1.619	-	0.4	20	97	0
2,4-Dichlorophenol	1.227	1.276	-	-4	20	97	0
1,2,4-Trichlorobenzene	1.409	1.319	-	6.4	20	92	0
IS1_Naphthalene-d8	1	1	-	0	20	95	0
Naphthalene	1.074	1.04	-	3.2	20	96	0
Benzoic Acid	0.246	0.263	-	-6.9	20	101	0
4-Chloroaniline	0.13	0.123	-	5.4	20	91	0
Hexachlorobutadiene	0.21	0.194	-	7.6	20	91	0
p-Chloro-m-cresol	0.306	0.313	-	-2.3	20	95	0
2-Methylnaphthalene	0.664	0.665	-	-0.2	20	99	0
1-Methylnaphthalene	0.233	0.216	-	7.3	20	92	0
Hexachlorocyclopentadiene	0.252	0.221	-	12.3	20	79	0
2,4,6-Trichlorophenol	0.234	0.255	-	-9	20	95	0
2,4,5-Trichlorophenol	0.26	0.275	-	-5.8	20	102	0
2-Fluorobiphenyl	0.865	0.816	-	5.7	20	94	0
2-Chloronaphthalene	0.738	0.704	-	4.6	20	94	0
2-Nitroaniline	0.222	0.254	-	-14.4	20	103	0
1,4-Dinitrobenzene	0.105	0.119	-	-13.3	20	101	0
1,3-Dinitrobenzene	0.119	0.13	-	-9.2	20	96	0
Dimethyl phthalate	0.9	0.846	-	6	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: SV109		Calibration Date	: 12/10/25 07:19	
Lab File ID	: ABN1210		Init. Calib. Date(s)	: 06/05/25	06/06/25
Sample No	: WG2151891-3		Init. Calib. Times	: 18:55	12:49
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.231	1.154	-	6.3	20	92	0
2,6-Dinitrotoluene	0.18	0.188	-	-4.4	20	96	0
1,2-Dinitrobenzene	0.078	0.082	-	-5.1	20	97	0
IS1_Acenaphthene-d10	1	1	-	0	20	89	0
3-Nitroaniline	0.348	0.397	-	-14.1	20	98	0
Acenaphthene	1.141	1.179	-	-3.3	20	97	0
2,4-Dinitrophenol	0.157	0.21	-	-33.8*	20	116	0
Dibenzofuran	1.841	1.829	-	0.7	20	93	0
2,4-Dinitrotoluene	0.412	0.466	-	-13.1	20	96	0
4-Nitrophenol	0.261	0.306	-	-17.2	20	94	0
2,3,5,6-Tetrachlorophenol	0.367	0.42	-	-14.4	20	97	0
2,3,4,6-Tetrachlorophenol	0.377	0.4	-	-6.1	20	94	0
Diethyl phthalate	1.507	1.568	-	-4	20	94	0
Fluorene	1.463	1.464	-	-0.1	20	93	0
4-Chlorophenyl phenyl ethe	0.703	0.696	-	1	20	93	0
4-Nitroaniline	0.337	0.375	-	-11.3	20	97	0
4,6-Dinitro-o-cresol	0.211	0.28	-	-32.7*	20	110	0
NDPA/DPA	1.257	1.277	-	-1.6	20	95	0
Azobenzene	1.311	1.362	-	-3.9	20	95	0
2,4,6-Tribromophenol	0.238	0.242	-	-1.7	20	90	0
4-Bromophenyl phenyl ether	0.465	0.448	-	3.7	20	91	0
Hexachlorobenzene	0.558	0.506	-	9.3	20	88	0
Pentachlorophenol	0.29	0.301	-	-3.8	20	82	0
IS1_Phenanthrene-d10	1	1	-	0	20	91	0
Phenanthrene	1.17	1.115	-	4.7	20	92	0
Anthracene	1.169	1.149	-	1.7	20	93	0
Carbazole	1.088	1.074	-	1.3	20	93	0
Di-n-butylphthalate	1.24	1.391	-	-12.2	20	95	0
Fluoranthene	1.337	1.317	-	1.5	20	91	0
Benzidine	0.765	0.847	-	-10.7	20	90	0
Pyrene	1.396	1.322	-	5.3	20	89	0
4-Terphenyl-d14	1.08	0.981	-	9.2	20	85	0
Butyl benzyl phthalate	0.5	0.625	-	-25*	20	99	0
IS1_Chrysene-d12	1	1	-	0	20	84	0
Benzo(a)anthracene	1.386	1.397	-	-0.8	20	87	0
3,3'-Dichlorobenzidine	0.48	0.496	-	-3.3	20	81	0
Chrysene	1.255	1.22	-	2.8	20	85	0
Bis(2-ethylhexyl)phthalate	0.727	0.922	-	-26.8*	20	95	0
Di-n-octylphthalate	1.37	1.646	-	-20.1*	20	98	0
Benzo(b)fluoranthene	1.345	1.32	-	1.9	20	80	0
Benzo(k)fluoranthene	1.296	1.203	-	7.2	20	80	0
Benzo(a)pyrene	1.221	1.198	-	1.9	20	80	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**	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		**Project Number**	: 086328	
Instrument ID	: SV109		**Calibration Date**	: 12/10/25 07:19	
Lab File ID	: ABN1210		**Init. Calib. Date(s)**	: 06/05/25	06/06/25
Sample No	: WG2151891-3		**Init. Calib. Times**	: 18:55	12:49
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.086	1.187	-	-9.3	20	83	0
Dibenzo(a,h)anthracene	1.07	1.086	-	-1.5	20	80	0
Benzo(ghi)perylene	1.119	1.119	-	0	20	80	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: JULIET		Calibration Date	: 12/10/25 07:30	
Lab File ID	: AP91210		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2151886-4		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	91	0
Benzaldehyde	0.862	0.913	-	-5.9	20	99	0
Acetophenone	1.581	1.573	-	0.5	20	89	0
m-Toluidine	1.448	1.671	-	-15.4	20	97	0
2-Chloroaniline	1.607	1.593	-	0.9	20	89	0
IS2_Naphthalene-d8	1	1	-	0	20	91	0
a-Terpineol	0.194	0.238	-	-22.7*	20	107	0
3-Chloroaniline	0.109	0.115	-	-5.5	20	97	0
2,6-Dichlorophenol	0.349	0.328	-	6	20	81	0
1-chloro-2-nitrobenzene	0.125	0.13	-	-4	20	89	0
Caprolactam	0.115	0.14	-	-21.7*	20	108	0
1,2,4,5-Tetrachlorobenzene	0.565	0.438	-	22.5*	20	70	0
Biphenyl	1.042	0.922	-	11.5	20	80	0
IS2_Acenaphthene-d10	1	1	-	0	20	80	0
Dichloran	0.218	0.241	-	-10.6	20	85	0
Pentachloronitrobenzene	0.19	0.195	-	-2.6	20	75	0
IS2_Phenanthrene-d10	1	1	-	0	20	81	0
Diphenamid	0.529	0.533	-	-0.8	20	81	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		Lab Number	: L2578222	
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	: 086328	
Instrument ID	: DAKOTA		Calibration Date	: 12/10/25 07:34	
Lab File ID	: ADP1210		Init. Calib. Date(s)	: 08/20/25	08/20/25
Sample No	: WG2151858-5		Init. Calib. Times	: 12:47	23:44
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	95	0
1,4-Dioxane	0.411	0.425	-	-3.4	20	101	0
n-Decane	1.27	0.976	-	23.1*	20	77	0
IS3_Acenaphthene-d10	1	1	-	0	20	93	0
Atrazine	0.486	0.343	-	29.4*	20	69	0
IS3_Phenanthrene-d10	1	1	-	0	20	88	0
n-Octadecane	0.368	0.293	-	20.4*	20	74	0
Parathion	5	5.568	-	-11.4	20	97	0
3,3'-Dimethylbenzidine	5	4.071	-	18.6	20	74	0

* Value outside of QC limits.

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2578222

1 Pit Water Sample
Collected December 9, 2025

Prepared by: Donald Anné
June 25, 2026

Holding Times: The sample was 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 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 target compounds were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analysis of the method blank 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 sample 705-PIT-WATER was above control limits. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is not less than 10%.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2151758-2/3.

Compound ID: Checked compounds 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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www.alphageoscience.com

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: CHA Companies
Project Name: GEIGER TEST PIT SAMPLING

Lab Number: L2578222
Project Number: 086328
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
705-PIT-WATER (L2578222-09D)	37	28	266*	52	59	57	1
WG2151758-1BLANK	57	41	113	68	69	79	0
WG2151758-2LCS	60	43	109	64	79	69	0
WG2151758-3LCSD	61	46	117	66	81	70	0

QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(15-120) FBP = 2-FLUOROBIPHENYL
(10-120) TBP = 2,4,6-TRIBROMOPHENOL
(41-149) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NYTCL-8270-SIM-RVT

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of RCRA Metals Data
for Pace Analytical Services
SDG Number: L2578222

8 Soil Samples and 1 Pit Water Sample
Collected December 9, 2025

Prepared by: Donald Anné
June 25, 2026

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration and method blanks reported target metals as either not detected or below the reporting limits, as required.

Spike Sample Recovery: The percent recoveries for target metals were within control limits (75-125%) for aqueous batch MS/MSD sample L2576977-01.

The %R for barium was below control limits (75-125%), but not below 10% for soil batch spike sample L2577576-02. Positive results for barium should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

The %Rs for lead was below control limits (75-125%) and below 10% for soil batch spike sample L2577576-02. Positive results for lead should be considered estimated, biased low (J-) and "not detected" results rejected, unusable (R) in associated soil samples.

Laboratory Duplicates: The relative percent differences for target metals were below the allowable maximum (20%) for aqueous batch MS/MSD sample L2576977-01, as required.

The RPDs for barium and lead were above the allowable maximum (35%) for soil batch duplicate sample WG2152063-4. The RPD for mercury was above the allowable maximum (35%) for soil batch duplicate sample WG2151795-4. Positive results for barium, lead, and mercury should be considered estimated (J) in associated soil samples.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for soil samples WG2152063-2 and WG2151795-2, and aqueous samples WG2151863-2, and WG2151868-2.

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Serial Dilution: The %Ds for barium and lead were below the allowable maximum (10%) for aqueous batch serial dilution sample L2576977-01, as required.

Percent Solids: The % solids for soil samples were above 50%.

Form 5a
Matrix Spike

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Client Sample ID	: NA	Matrix	: SOIL
Lab Sample ID	: L2577576-02		
Matrix Spike	: WG2152063-3	MS Analysis Date	: 12/10/25 16:54
Matrix Spike Dup	:	MSD Analysis Date	:

		Matrix Spike Sample				Matrix Spike Duplicate					
Parameter	Sample Conc. (mg/kg)	Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R		Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R	RPD	Recovery Limits	RPD Limit
Arsenic, Total	2.20	11.1	13.5	102						75-125	20
Barium, Total	120	185	227	58	Q					75-125	20
Cadmium, Total	0.087J	4.91	4.65	95						75-125	20
Chromium, Total	12.2	18.5	30.6	99						75-125	20
Lead, Total	151	49.1	103	0	Q					75-125	20
Selenium, Total	0.374J	11.1	11.6	104						75-125	20
Silver, Total	ND	4.63	4.46	96						75-125	20

Form 6
Lab Duplicates

Client	: CHA Companies		Lab Number	:	L2578222
Project Name	: GEIGER TEST PIT SAMPLING		Project Number	:	086328
Client Sample ID	: NA		Matrix	:	SOIL
Lab Sample ID	: NA		Analysis Date	:	12/10/25 16:50
Dup Sample ID	: WG2152063-4		DUP Analysis Date	:	12/10/25 16:57

Parameter	Sample Concentration (mg/kg)	Duplicate Concentration (mg/kg)	RPD	RPD Limit
Arsenic, Total	2.20	2.68	20	20
Barium, Total	120	50.7	81 Q	20
Cadmium, Total	0.087J	0.085J	NC	20
Chromium, Total	12.2	13.9	13	20
Lead, Total	151	63.8	81 Q	20
Selenium, Total	0.374J	0.608J	NC	20
Silver, Total	ND	0.603	NC	20

Form 6
Lab Duplicates

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Client Sample ID	: NA	Matrix	: SOIL
Lab Sample ID	: NA	Analysis Date	: 12/10/25 13:14
Dup Sample ID	: WG2151795-4	DUP Analysis Date	: 12/10/25 13:20

Parameter	Sample Concentration (mg/kg)	Duplicate Concentration (mg/kg)	RPD	RPD Limit
Mercury, Total	0.475	0.302	45 Q	20

Gasoline Range Organics Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TPH-Gasoline Range Organics (GRO)
Data for Pace Analytical Services
SDG Number: L2578222

1 Pit Water Sample
Collected December 9, 2025

Prepared by: Donald Anné
June 25, 2026

Holding Times: The sample was analyzed within USEPA SW 846 holding times.

Blanks: Method blank WG2152145-4BLANK contained a trace of GRO (18 ug/L). Positive results for GRO that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Surrogate Recovery: The surrogate recoveries were within QC limits for the sample.

Laboratory Control Sample: The relative percent difference for GRO was below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2152145-2/3.

Initial Calibration: The %RSD for GRO was below the allowable maximum (20%), as required.

Continuing Calibration: The %D for GRO was below the allowable maximum (20%), as required.

GRO Identification Summary: Checked GRO results were within GC quantitation limits.

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Results Summary
Form 1
Gasoline Range Organics

Client	: CHA Companies	Lab Number	: L2578222
Project Name	: GEIGER TEST PIT SAMPLING	Project Number	: 086328
Lab ID	: WG2152145-4	Date Collected	: NA
Client ID	: WG2152145-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/10/25 11:00
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8015D(M)	Analyst	: BAD
Lab File ID	: O251210A05	Instrument ID	: OVPH
Sample Amount	: 5 ml	GC Column	: RTX 502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Gasoline Range Organics	18	50	5.8	J

Diesel Range Organics Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TPH-Diesel Range Organics (DRO)
Data for Pace Analytical Services
SDG Number: L2578222

1 Pit Water Sample
Collected December 9, 2025

Prepared by: Donald Anné
June 25, 2026

Holding Times: The sample was extracted and analyzed within USEPA SW 846 holding times.

Blanks: Method blank WG2152145-4BLANK contained a trace of GRO (18 ug/L). Positive results for GRO that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Surrogate Recovery: The surrogate for 705-PIT-WATER was diluted beyond detection limits. No action is taken on surrogates diluted beyond detection limits.

Laboratory Control Sample: The percent recovery for DRO was within QC limits for aqueous sample WG2151788-2.

Initial Calibration: The %RSDs for DRO were below the allowable maximum (20%), as required.

Continuing Calibration: The %Ds for DRO were below the allowable maximum (25%), as required.

DRO Identification Summary: Checked DRO results were within GC quantitation limits.

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Surrogate Recovery Summary
Form 2
Petroleum

Client: CHA Companies
Project Name: GEIGER TEST PIT SAMPLING

Lab Number: L2578222
Project Number: 086328
Matrix: Water

GC Column 1:

CLIENT ID (LAB SAMPLE NO.)	OTP %REC	%REC	%REC	%REC	OTHER (1)	OTHER (2)	TOT OUT
705-PIT-WATER (L2578222-09D)	DL	--	--	--			0
WG2151788-1BLANK	73	--	--	--			0
WG2151788-2LCS	76	--	--	--			0

DL - Diluted beyond detection limits

QC LIMITS
(40-140) OTP = O-TERPHENYL

*** Values outside of QC limits**

FORM II TPH-DRO

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

July 27, 2026

Mr. Andrew Hodgens
Scientist III
CHA
300 South State Street, Suite 600
Syracuse, New York 13202

Re: Data Validation Report
Gateway Syracuse Apartments
May 2026 Ground Water, Soil Vapor, and Soil Sampling Events

Dear Mr. Hodgens:

The data usability summary reports (DUSRs) and data validation reviews are attached to this letter for the Gateway Syracuse Apartments, May 2026 ground water, soil vapor, and soil sampling events. The data were mostly acceptable for Pace Analytical Services, SDG numbers L2629626, L2630210, and L2630380 with some issues that are identified and discussed in the validation summaries. There were data that were qualified rejected, unusable (R) in data packs L2629626 and L2630380. The reason for qualifying the data is outlined in the DUSR and QA/QC review. The data is rejected based solely on the validation guidance criteria. The rejected data may be determined to be acceptable to the user based on additional information that is not contained in the data validation criteria.

A list of common data validation acronyms is 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:dca
attachments

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L2629626

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2629626

7 Soil Samples and 1 Field Duplicate
Collected May 14, 2026

Prepared by: Donald Anné
July 27, 2026

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, semi-volatile, and TAL metal analyses for 7 soil samples and 1 field duplicate, and the results of PFAS analyses for 7 soil samples and 1 field duplicate.

The overall performances of the analyses are acceptable. Pace Analytical Services 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 "not detected" volatile results for bromoform were qualified as "estimated" (UJ) for the following samples because 1 of 2 percent recoveries for bromoform was below the QC limits, but not below 10% in the associated soil LCS/LCSD.

SOIL-105-16-18	SOIL-106-12-14	SOIL-107-14-16
SOIL-109-8-10	SOIL-110-19-20	CHA-1

- The positive volatile result for trichloroethene was qualified as "estimated, biased low" (J-) for sample SOIL-108-13-15 because 2 of 2 percent recoveries for trichloroethene were below the QC limits, but not below 10% in the soil MS/MSD sample.

- The "not detected" volatile results for 46 compounds were qualified as "estimated" (UJ) for sample SOIL-108-13-15 because 1 or 2 percent recoveries for these 46 compounds were below the QC limits, but not below 10% in the soil MS/MSD sample.

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- The “not detected” volatile result for 1,4-dioxane was qualified as “rejected, unusable” (R) for sample SOIL-108-13-15 because 1 of 2 percent recoveries for 1,4-dioxane was below the QC limits and below 10% in the soil MS/MSD sample.

- The positive metal results for lead and zinc were qualified as estimated, biased high (J+) for all 7 soil samples and the field duplicate because 1 of 2 percent recoveries for lead and zinc were above control limits in the associated soil MS/MSD sample.

- The “not detected” metal results for antimony were qualified as estimated (UJ) for all 7 soil samples and field duplicate because 2 of 2 percent recoveries for antimony were below control limits, but not below 10% in the associated soil MS/MSD sample.

All data that are not qualified rejected (R) are considered usable with estimated (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.

Qualified Data Section

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-01	Date Collected	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/27/26 21:28
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23260527N06	Instrument ID	: VOA123
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 95
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.2	2.4	U	
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U	
67-66-3	Chloroform	0.28	1.6	0.14	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	0.14	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	ND	0.52	0.13	U	
75-69-4	Trichlorofluoromethane	ND	4.1	0.72	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	4.1	0.26	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.52	0.17	U	
71-43-2	Benzene	ND	0.52	0.17	U	
108-88-3	Toluene	ND	1.0	0.56	U	
100-41-4	Ethylbenzene	ND	1.0	0.15	U	
74-87-3	Chloromethane	ND	4.1	0.97	U	
74-83-9	Bromomethane	ND	2.1	0.60	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 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 21:28
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N06	**Instrument ID**	: VOA123
Sample Amount	: 5.1 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 95
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	0.14	U
79-01-6	Trichloroethene	8.4	0.52	0.14	
95-50-1	1,2-Dichlorobenzene	ND	2.1	0.15	U
541-73-1	1,3-Dichlorobenzene	ND	2.1	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.1	0.18	U
1634-04-4	Methyl tert butyl ether	ND	2.1	0.21	U
179601-23-1	p/m-Xylene	ND	2.1	0.58	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	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.95	U
67-64-1	Acetone	ND	10	5.0	U
75-15-0	Carbon disulfide	ND	10	4.7	U
78-93-3	2-Butanone	ND	10	2.3	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	2.1	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	ND	1.0	0.11	U
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	ND	10	0.56	U
123-91-1	1,4-Dioxane	ND	83	36.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 21:28
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N06	**Instrument ID**	: VOA123
Sample Amount	: 5.1 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 95
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	ND	4.1	0.62	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 21:28
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N06	**Instrument ID**	: VOA123
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 95
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	14.13	2.41	J
	Total TIC Compounds		2.41J	J

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-02	Date Collected	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/27/26 21:54
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23260527N07	Instrument ID	: VOA123
Sample Amount	: 6.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.7	2.1	U	
75-34-3	1,1-Dichloroethane	ND	0.94	0.14	U	
67-66-3	Chloroform	ND	1.4	0.13	U	
56-23-5	Carbon tetrachloride	ND	0.94	0.22	U	
78-87-5	1,2-Dichloropropane	ND	0.94	0.12	U	
124-48-1	Dibromochloromethane	ND	0.94	0.13	U	
79-00-5	1,1,2-Trichloroethane	ND	0.94	0.25	U	
127-18-4	Tetrachloroethene	ND	0.47	0.18	U	
108-90-7	Chlorobenzene	ND	0.47	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.7	0.65	U	
107-06-2	1,2-Dichloroethane	ND	0.94	0.24	U	
71-55-6	1,1,1-Trichloroethane	ND	0.47	0.16	U	
75-27-4	Bromodichloromethane	ND	0.47	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.94	0.26	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.47	0.15	U	
75-25-2	Bromoform	ND	3.7	0.23	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.47	0.16	U	
71-43-2	Benzene	ND	0.47	0.16	U	
108-88-3	Toluene	ND	0.94	0.51	U	
100-41-4	Ethylbenzene	ND	0.94	0.13	U	
74-87-3	Chloromethane	ND	3.7	0.87	U	
74-83-9	Bromomethane	ND	1.9	0.54	U	
75-01-4	Vinyl chloride	ND	0.94	0.31	U	
75-00-3	Chloroethane	ND	1.9	0.42	U	
75-35-4	1,1-Dichloroethene	ND	0.94	0.22	U	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 21:54
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N07	**Instrument ID**	: VOA123
Sample Amount	: 6.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 84
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	1.4	0.13	U
79-01-6	Trichloroethene	ND	0.47	0.13	U
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U
179601-23-1	p/m-Xylene	ND	1.9	0.52	U
95-47-6	o-Xylene	ND	0.94	0.27	U
156-59-2	cis-1,2-Dichloroethene	ND	0.94	0.16	U
100-42-5	Styrene	ND	0.94	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.4	0.86	U
67-64-1	Acetone	ND	9.4	4.5	U
75-15-0	Carbon disulfide	ND	9.4	4.3	U
78-93-3	2-Butanone	ND	9.4	2.1	U
108-10-1	4-Methyl-2-pentanone	ND	9.4	1.2	U
591-78-6	2-Hexanone	ND	9.4	1.1	U
74-97-5	Bromochloromethane	ND	1.9	0.19	U
106-93-4	1,2-Dibromoethane	ND	0.94	0.26	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.94	U
98-82-8	Isopropylbenzene	ND	0.94	0.10	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.30	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.25	U
79-20-9	Methyl Acetate	ND	3.7	0.89	U
110-82-7	Cyclohexane	ND	9.4	0.51	U
123-91-1	1,4-Dioxane	ND	75	33.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 21:54
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N07	**Instrument ID**	: VOA123
Sample Amount	: 6.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 84
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	0.65	U
108-87-2	Methyl cyclohexane	ND	3.7	0.56	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 21:54
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N07	**Instrument ID**	: VOA123
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 84
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-03	Date Collected	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/27/26 22:20
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23260527N08	Instrument ID	: VOA123
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 87
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	0.69	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	0.24	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.16	U	
71-43-2	Benzene	ND	0.50	0.16	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	0.33	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 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 22:20
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N08	**Instrument ID**	: VOA123
Sample Amount	: 5.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 87
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	1.0	0.50	0.14	
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	0.17	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.91	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.5	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 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 22:20
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N08	**Instrument ID**	: VOA123
Sample Amount	: 5.8 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 87
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

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 22:20
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N08	**Instrument ID**	: VOA123
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 87
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000541-05-9	Cyclotrisiloxane, hexamethyl-	7.49	2.25	NJ
	Total TIC Compounds		2.25J	J

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-04	Date Collected	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/28/26 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23260528A19	Instrument ID	: VOA123
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.7	2.2	U	UJ
75-34-3	1,1-Dichloroethane	ND	0.95	0.14	U	UJ
67-66-3	Chloroform	ND	1.4	0.13	U	UJ
56-23-5	Carbon tetrachloride	ND	0.95	0.22	U	UJ
78-87-5	1,2-Dichloropropane	ND	0.95	0.12	U	UJ
124-48-1	Dibromochloromethane	ND	0.95	0.13	U	UJ
79-00-5	1,1,2-Trichloroethane	ND	0.95	0.25	U	UJ
127-18-4	Tetrachloroethene	ND	0.47	0.19	U	UJ
108-90-7	Chlorobenzene	ND	0.47	0.12	U	UJ
75-69-4	Trichlorofluoromethane	ND	3.8	0.66	U	UJ
107-06-2	1,2-Dichloroethane	ND	0.95	0.24	U	UJ
71-55-6	1,1,1-Trichloroethane	ND	0.47	0.16	U	UJ
75-27-4	Bromodichloromethane	ND	0.47	0.10	U	UJ
10061-02-6	trans-1,3-Dichloropropene	ND	0.95	0.26	U	UJ
10061-01-5	cis-1,3-Dichloropropene	ND	0.47	0.15	U	UJ
75-25-2	Bromoform	ND	3.8	0.23	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.47	0.16	U	UJ
71-43-2	Benzene	ND	0.47	0.16	U	UJ
108-88-3	Toluene	ND	0.95	0.52	U	UJ
100-41-4	Ethylbenzene	ND	0.95	0.13	U	UJ
74-87-3	Chloromethane	ND	3.8	0.88	U	UJ
74-83-9	Bromomethane	ND	1.9	0.55	U	UJ
75-01-4	Vinyl chloride	ND	0.95	0.32	U	UJ
75-00-3	Chloroethane	ND	1.9	0.43	U	UJ
75-35-4	1,1-Dichloroethene	ND	0.95	0.22	U	UJ

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-04	Date Collected	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/28/26 16:13
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23260528A19	Instrument ID	: VOA123
Sample Amount	: 6.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 88
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	1.4	0.13	U	UJ
79-01-6	Trichloroethene	0.44	0.47	0.13	J	J-
95-50-1	1,2-Dichlorobenzene	ND	1.9	0.14	U	UJ
541-73-1	1,3-Dichlorobenzene	ND	1.9	0.14	U	UJ
106-46-7	1,4-Dichlorobenzene	ND	1.9	0.16	U	UJ
1634-04-4	Methyl tert butyl ether	ND	1.9	0.19	U	UJ
179601-23-1	p/m-Xylene	ND	1.9	0.53	U	UJ
95-47-6	o-Xylene	ND	0.95	0.28	U	UJ
156-59-2	cis-1,2-Dichloroethene	ND	0.95	0.17	U	UJ
100-42-5	Styrene	ND	0.95	0.19	U	UJ
75-71-8	Dichlorodifluoromethane	ND	9.5	0.87	U	UJ
67-64-1	Acetone	ND	9.5	4.6	U	
75-15-0	Carbon disulfide	ND	9.5	4.3	U	UJ
78-93-3	2-Butanone	ND	9.5	2.1	U	
108-10-1	4-Methyl-2-pentanone	ND	9.5	1.2	U	
591-78-6	2-Hexanone	ND	9.5	1.1	U	UJ
74-97-5	Bromochloromethane	ND	1.9	0.19	U	UJ
106-93-4	1,2-Dibromoethane	ND	0.95	0.26	U	UJ
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.8	0.95	U	UJ
98-82-8	Isopropylbenzene	ND	0.95	0.10	U	UJ
87-61-6	1,2,3-Trichlorobenzene	ND	1.9	0.30	U	UJ
120-82-1	1,2,4-Trichlorobenzene	ND	1.9	0.26	U	UJ
79-20-9	Methyl Acetate	ND	3.8	0.90	U	
110-82-7	Cyclohexane	ND	9.5	0.52	U	UJ
123-91-1	1,4-Dioxane	ND	76	33.	U	R

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-04	**Date Collected**	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/28/26 16:13
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260528A19	**Instrument ID**	: VOA123
Sample Amount	: 6.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 88
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg				
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**	
76-13-1	Freon-113	ND	3.8	0.66	U	UJ
108-87-2	Methyl cyclohexane	ND	3.8	0.57	U	UJ

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-04	**Date Collected**	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/28/26 16:13
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260528A19	**Instrument ID**	: VOA123
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 88
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-05	Date Collected	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/27/26 23:12
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23260527N10	Instrument ID	: VOA123
Sample Amount	: 6.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 86
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.5	2.1	U	
75-34-3	1,1-Dichloroethane	ND	0.91	0.13	U	
67-66-3	Chloroform	ND	1.4	0.13	U	
56-23-5	Carbon tetrachloride	ND	0.91	0.21	U	
78-87-5	1,2-Dichloropropane	ND	0.91	0.11	U	
124-48-1	Dibromochloromethane	ND	0.91	0.13	U	
79-00-5	1,1,2-Trichloroethane	ND	0.91	0.24	U	
127-18-4	Tetrachloroethene	ND	0.45	0.18	U	
108-90-7	Chlorobenzene	ND	0.45	0.12	U	
75-69-4	Trichlorofluoromethane	ND	3.6	0.63	U	
107-06-2	1,2-Dichloroethane	ND	0.91	0.23	U	
71-55-6	1,1,1-Trichloroethane	ND	0.45	0.15	U	
75-27-4	Bromodichloromethane	ND	0.45	0.10	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.91	0.25	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.45	0.14	U	
75-25-2	Bromoform	ND	3.6	0.22	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.45	0.15	U	
71-43-2	Benzene	ND	0.45	0.15	U	
108-88-3	Toluene	ND	0.91	0.49	U	
100-41-4	Ethylbenzene	ND	0.91	0.13	U	
74-87-3	Chloromethane	ND	3.6	0.85	U	
74-83-9	Bromomethane	ND	1.8	0.53	U	
75-01-4	Vinyl chloride	ND	0.91	0.30	U	
75-00-3	Chloroethane	ND	1.8	0.41	U	
75-35-4	1,1-Dichloroethene	ND	0.91	0.22	U	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 23:12
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N10	**Instrument ID**	: VOA123
Sample Amount	: 6.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 86
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	1.4	0.12	U
79-01-6	Trichloroethene	ND	0.45	0.12	U
95-50-1	1,2-Dichlorobenzene	ND	1.8	0.13	U
541-73-1	1,3-Dichlorobenzene	ND	1.8	0.13	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	ND	1.8	0.51	U
95-47-6	o-Xylene	ND	0.91	0.26	U
156-59-2	cis-1,2-Dichloroethene	ND	0.91	0.16	U
100-42-5	Styrene	ND	0.91	0.18	U
75-71-8	Dichlorodifluoromethane	ND	9.1	0.83	U
67-64-1	Acetone	ND	9.1	4.4	U
75-15-0	Carbon disulfide	ND	9.1	4.1	U
78-93-3	2-Butanone	ND	9.1	2.0	U
108-10-1	4-Methyl-2-pentanone	ND	9.1	1.2	U
591-78-6	2-Hexanone	ND	9.1	1.1	U
74-97-5	Bromochloromethane	ND	1.8	0.19	U
106-93-4	1,2-Dibromoethane	ND	0.91	0.25	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.7	0.91	U
98-82-8	Isopropylbenzene	ND	0.91	0.10	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.8	0.29	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.8	0.25	U
79-20-9	Methyl Acetate	ND	3.6	0.86	U
110-82-7	Cyclohexane	ND	9.1	0.49	U
123-91-1	1,4-Dioxane	ND	73	32.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 23:12
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N10	**Instrument ID**	: VOA123
Sample Amount	: 6.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 86
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	3.6	0.63	U
108-87-2	Methyl cyclohexane	ND	3.6	0.55	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 23:12
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N10	**Instrument ID**	: VOA123
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 86
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 4 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000541-05-9	Cyclotrisiloxane, hexamethyl-	7.49	2	NJ
	Unknown	12.56	1.91	J
	Unknown	14.13	9.1	J
	Total TIC Compounds		13.0J	J

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/28/26 05:41
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N25	**Instrument ID**	: VOA123
Sample Amount	: 6.8 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 85
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	260	120	U
75-34-3	1,1-Dichloroethane	ND	52	7.6	U
67-66-3	Chloroform	9.6	78	7.3	J
56-23-5	Carbon tetrachloride	ND	52	12.	U
78-87-5	1,2-Dichloropropane	ND	52	6.5	U
124-48-1	Dibromochloromethane	ND	52	7.3	U
79-00-5	1,1,2-Trichloroethane	ND	52	14.	U
127-18-4	Tetrachloroethene	ND	26	10.	U
108-90-7	Chlorobenzene	ND	26	6.6	U
75-69-4	Trichlorofluoromethane	ND	210	36.	U
107-06-2	1,2-Dichloroethane	ND	52	13.	U
71-55-6	1,1,1-Trichloroethane	ND	26	8.8	U
75-27-4	Bromodichloromethane	ND	26	5.7	U
10061-02-6	trans-1,3-Dichloropropene	ND	52	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	26	8.3	U
75-25-2	Bromoform	ND	210	13.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	26	8.7	U
71-43-2	Benzene	ND	26	8.7	U
108-88-3	Toluene	ND	52	28.	U
100-41-4	Ethylbenzene	39	52	7.4	J
74-87-3	Chloromethane	ND	210	49.	U
74-83-9	Bromomethane	ND	100	30.	U
75-01-4	Vinyl chloride	ND	52	18.	U
75-00-3	Chloroethane	ND	100	24.	U
75-35-4	1,1-Dichloroethene	ND	52	12.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/28/26 05:41
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N25	**Instrument ID**	: VOA123
Sample Amount	: 6.8 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 85
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	78	7.2	U
79-01-6	Trichloroethene	ND	26	7.2	U
95-50-1	1,2-Dichlorobenzene	77	100	7.5	J
541-73-1	1,3-Dichlorobenzene	ND	100	7.8	U
106-46-7	1,4-Dichlorobenzene	18	100	9.0	J
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	3500	100	29.	
95-47-6	o-Xylene	2600	52	15.	
156-59-2	cis-1,2-Dichloroethene	ND	52	9.2	U
100-42-5	Styrene	ND	52	10.	U
75-71-8	Dichlorodifluoromethane	ND	520	48.	U
67-64-1	Acetone	ND	520	250	U
75-15-0	Carbon disulfide	ND	520	240	U
78-93-3	2-Butanone	ND	520	120	U
108-10-1	4-Methyl-2-pentanone	ND	520	67.	U
591-78-6	2-Hexanone	ND	520	62.	U
74-97-5	Bromochloromethane	ND	100	11.	U
106-93-4	1,2-Dibromoethane	ND	52	15.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	160	52.	U
98-82-8	Isopropylbenzene	840	52	5.7	
87-61-6	1,2,3-Trichlorobenzene	ND	100	17.	U
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
79-20-9	Methyl Acetate	ND	210	50.	U
110-82-7	Cyclohexane	ND	520	28.	U
123-91-1	1,4-Dioxane	ND	4200	1800	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/28/26 05:41
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N25	**Instrument ID**	: VOA123
Sample Amount	: 6.8 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 85
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	210	36.	U
108-87-2	Methyl cyclohexane	280	210	32.	

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/28/26 05:41
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N25	**Instrument ID**	: VOA123
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 85
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 11 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown Naphthalene	11.87	24600	J
	Unknown Benzene	12.40	16400	J
	Unknown Benzene	12.46	12600	J
	Unknown Naphthalene	12.54	15200	J
	Unknown Benzene	12.91	17800	J
	Unknown	13.11	16000	J
	Unknown	13.22	13100	J
	Unknown Benzene	13.27	14000	J
	Unknown Benzene	13.30	15900	J
	Unknown Aromatic	13.62	15300	J
	Total TIC Compounds		161000J	J

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-07	Date Collected	: 05/14/26 11:05
Client ID	: SOIL-110-19-20	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/27/26 23:38
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23260527N11	Instrument ID	: VOA123
Sample Amount	: 6.4 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 91
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	4.3	2.0	U	
75-34-3	1,1-Dichloroethane	ND	0.86	0.12	U	
67-66-3	Chloroform	ND	1.3	0.12	U	
56-23-5	Carbon tetrachloride	ND	0.86	0.20	U	
78-87-5	1,2-Dichloropropane	ND	0.86	0.11	U	
124-48-1	Dibromochloromethane	ND	0.86	0.12	U	
79-00-5	1,1,2-Trichloroethane	ND	0.86	0.23	U	
127-18-4	Tetrachloroethene	ND	0.43	0.17	U	
108-90-7	Chlorobenzene	ND	0.43	0.11	U	
75-69-4	Trichlorofluoromethane	ND	3.4	0.60	U	
107-06-2	1,2-Dichloroethane	ND	0.86	0.22	U	
71-55-6	1,1,1-Trichloroethane	ND	0.43	0.14	U	
75-27-4	Bromodichloromethane	ND	0.43	0.09	U	
10061-02-6	trans-1,3-Dichloropropene	ND	0.86	0.24	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.43	0.14	U	
75-25-2	Bromoform	ND	3.4	0.21	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.43	0.14	U	
71-43-2	Benzene	ND	0.43	0.14	U	
108-88-3	Toluene	ND	0.86	0.47	U	
100-41-4	Ethylbenzene	ND	0.86	0.12	U	
74-87-3	Chloromethane	ND	3.4	0.80	U	
74-83-9	Bromomethane	ND	1.7	0.50	U	
75-01-4	Vinyl chloride	ND	0.86	0.29	U	
75-00-3	Chloroethane	ND	1.7	0.39	U	
75-35-4	1,1-Dichloroethene	ND	0.86	0.20	U	

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-07	**Date Collected**	: 05/14/26 11:05
Client ID	: SOIL-110-19-20	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 23:38
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N11	**Instrument ID**	: VOA123
Sample Amount	: 6.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 91
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	1.3	0.12	U
79-01-6	Trichloroethene	6.4	0.43	0.12	
95-50-1	1,2-Dichlorobenzene	ND	1.7	0.12	U
541-73-1	1,3-Dichlorobenzene	ND	1.7	0.13	U
106-46-7	1,4-Dichlorobenzene	ND	1.7	0.15	U
1634-04-4	Methyl tert butyl ether	ND	1.7	0.17	U
179601-23-1	p/m-Xylene	ND	1.7	0.48	U
95-47-6	o-Xylene	ND	0.86	0.25	U
156-59-2	cis-1,2-Dichloroethene	ND	0.86	0.15	U
100-42-5	Styrene	ND	0.86	0.17	U
75-71-8	Dichlorodifluoromethane	ND	8.6	0.79	U
67-64-1	Acetone	ND	8.6	4.2	U
75-15-0	Carbon disulfide	ND	8.6	3.9	U
78-93-3	2-Butanone	ND	8.6	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	8.6	1.1	U
591-78-6	2-Hexanone	ND	8.6	1.0	U
74-97-5	Bromochloromethane	ND	1.7	0.18	U
106-93-4	1,2-Dibromoethane	ND	0.86	0.24	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.6	0.86	U
98-82-8	Isopropylbenzene	ND	0.86	0.09	U
87-61-6	1,2,3-Trichlorobenzene	ND	1.7	0.28	U
120-82-1	1,2,4-Trichlorobenzene	ND	1.7	0.23	U
79-20-9	Methyl Acetate	ND	3.4	0.82	U
110-82-7	Cyclohexane	ND	8.6	0.47	U
123-91-1	1,4-Dioxane	ND	69	30.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-07	**Date Collected**	: 05/14/26 11:05
Client ID	: SOIL-110-19-20	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 23:38
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N11	**Instrument ID**	: VOA123
Sample Amount	: 6.4 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 91
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	3.4	0.60	U
108-87-2	Methyl cyclohexane	ND	3.4	0.52	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-07	**Date Collected**	: 05/14/26 11:05
Client ID	: SOIL-110-19-20	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 23:38
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N11	**Instrument ID**	: VOA123
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 91
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000541-05-9	Cyclotrisiloxane, hexamethyl-	7.49	2.26	NJ
	Unknown	14.13	2.36	J
	Total TIC Compounds		4.62J	J

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-08	Date Collected	: 05/14/26 12:00
Client ID	: CHA-1	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/28/26 00:04
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V23260527N12	Instrument ID	: VOA123
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 84
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
75-09-2	Methylene chloride	ND	5.6	2.6	U	
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	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	0.30	U	
127-18-4	Tetrachloroethene	ND	0.56	0.22	U	
108-90-7	Chlorobenzene	ND	0.56	0.14	U	
75-69-4	Trichlorofluoromethane	ND	4.4	0.77	U	
107-06-2	1,2-Dichloroethane	ND	1.1	0.29	U	
71-55-6	1,1,1-Trichloroethane	ND	0.56	0.19	U	
75-27-4	Bromodichloromethane	ND	0.56	0.12	U	
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U	
10061-01-5	cis-1,3-Dichloropropene	ND	0.56	0.18	U	
75-25-2	Bromoform	ND	4.4	0.27	U	UJ
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.56	0.18	U	
71-43-2	Benzene	ND	0.56	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	0.65	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 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/28/26 00:04
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N12	**Instrument ID**	: VOA123
Sample Amount	: 5.3 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 84
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	0.15	U
79-01-6	Trichloroethene	ND	0.56	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	ND	1.1	0.20	U
100-42-5	Styrene	ND	1.1	0.22	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	ND	11	5.4	U
75-15-0	Carbon disulfide	ND	11	5.1	U
78-93-3	2-Butanone	ND	11	2.5	U
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	0.23	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	0.36	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	0.61	U
123-91-1	1,4-Dioxane	ND	89	39.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/28/26 00:04
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N12	**Instrument ID**	: VOA123
Sample Amount	: 5.3 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 84
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	0.77	U
108-87-2	Methyl cyclohexane	ND	4.4	0.67	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/28/26 00:04
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V23260527N12	**Instrument ID**	: VOA123
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 84
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000541-05-9	Cyclotrisiloxane, hexamethyl-	7.49	2.82	NJ
	Unknown	14.13	5.62	J
	Total TIC Compounds		8.44J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 11:18
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-01	**Analyst**	: LJG
Sample Amount	: 30.1 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 95
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	100	20.	U
111-44-4	Bis(2-chloroethyl)ether	ND	160	24.	U
91-58-7	2-Chloronaphthalene	ND	180	17.	U
91-94-1	3,3'-Dichlorobenzidine	ND	180	47.	U
121-14-2	2,4-Dinitrotoluene	ND	180	35.	U
606-20-2	2,6-Dinitrotoluene	ND	180	30.	U
206-44-0	Fluoranthene	ND	100	20.	U
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	500	160	U
67-72-1	Hexachloroethane	ND	140	28.	U
78-59-1	Isophorone	ND	160	23.	U
91-20-3	Naphthalene	ND	180	21.	U
98-95-3	Nitrobenzene	ND	35	16.	U
86-30-6	NDPA/DPA	ND	140	20.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	180	27.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	180	61.	U
85-68-7	Butyl benzyl phthalate	ND	180	44.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 11:18
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-01	**Analyst**	: LJG
Sample Amount	: 30.1 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 95
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
84-74-2	Di-n-butylphthalate	ND	180	33.	U
117-84-0	Di-n-octylphthalate	ND	180	60.	U
84-66-2	Diethyl phthalate	ND	180	16.	U
131-11-3	Dimethyl phthalate	ND	180	37.	U
56-55-3	Benzo(a)anthracene	ND	100	20.	U
50-32-8	Benzo(a)pyrene	ND	140	43.	U
205-99-2	Benzo(b)fluoranthene	ND	100	30.	U
207-08-9	Benzo(k)fluoranthene	ND	100	28.	U
218-01-9	Chrysene	ND	100	18.	U
208-96-8	Acenaphthylene	ND	140	27.	U
120-12-7	Anthracene	ND	100	34.	U
191-24-2	Benzo(ghi)perylene	ND	140	21.	U
86-73-7	Fluorene	ND	180	17.	U
85-01-8	Phenanthrene	ND	100	21.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	20.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	140	24.	U
129-00-0	Pyrene	ND	100	17.	U
92-52-4	Biphenyl	ND	400	23.	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	33.	U
100-01-6	4-Nitroaniline	ND	180	73.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 11:18
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-01	**Analyst**	: LJG
Sample Amount	: 30.1 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 95
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	21.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	180	18.	U
98-86-2	Acetophenone	ND	180	22.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	33.	U
59-50-7	p-Chloro-m-cresol	ND	180	26.	U
95-57-8	2-Chlorophenol	ND	180	21.	U
120-83-2	2,4-Dichlorophenol	ND	160	28.	U
105-67-9	2,4-Dimethylphenol	ND	180	58.	U
88-75-5	2-Nitrophenol	ND	380	66.	U
100-02-7	4-Nitrophenol	ND	250	72.	U
51-28-5	2,4-Dinitrophenol	ND	840	82.	U
534-52-1	4,6-Dinitro-o-cresol	ND	460	84.	U
87-86-5	Pentachlorophenol	ND	140	39.	U
108-95-2	Phenol	ND	180	26.	U
95-48-7	2-Methylphenol	ND	180	27.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	250	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	62.	U
100-52-7	Benzaldehyde	ND	230	47.	U
105-60-2	Caprolactam	ND	180	53.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 11:18
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-01	**Analyst**	: LJG
Sample Amount	: 30.1 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 95
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
123-91-1	1,4-Dioxane	ND	26	8.1	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 11:18
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-01	**Analyst**	: LJG
Sample Amount	: 30.1 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 95
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	1640	J
	Total TIC Compounds		1640J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 08:53
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-02	**Analyst**	: LJG
Sample Amount	: 30.31 g	**Instrument ID**	: SV124
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	160	20.	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	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	150	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	ND	200	24.	U
98-95-3	Nitrobenzene	ND	39	17.	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**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 08:53
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-02	**Analyst**	: LJG
Sample Amount	: 30.31 g	**Instrument ID**	: SV124
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	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	64	120	22.	J
50-32-8	Benzo(a)pyrene	ND	160	48.	U
205-99-2	Benzo(b)fluoranthene	52	120	33.	J
207-08-9	Benzo(k)fluoranthene	ND	120	32.	U
218-01-9	Chrysene	48	120	20.	J
208-96-8	Acenaphthylene	ND	160	30.	U
120-12-7	Anthracene	45	120	38.	J
191-24-2	Benzo(ghi)perylene	ND	160	23.	U
86-73-7	Fluorene	ND	200	19.	U
85-01-8	Phenanthrene	170	120	24.	
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	120	120	20.	
92-52-4	Biphenyl	ND	450	26.	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**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 08:53
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-02	**Analyst**	: LJG
Sample Amount	: 30.31 g	**Instrument ID**	: SV124
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	200	19.	U
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	30.	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	ND	200	19.	U
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**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 08:53
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-02	**Analyst**	: LJG
Sample Amount	: 30.31 g	**Instrument ID**	: SV124
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	200	40.	U
123-91-1	1,4-Dioxane	ND	30	9.1	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 08:53
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-02	**Analyst**	: LJG
Sample Amount	: 30.31 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	1530	J
	Total TIC Compounds		1530J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 10:42
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-03	**Analyst**	: LJG
Sample Amount	: 30.32 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	150	20.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	ND	110	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	38	17.	U
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	66.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 10:42
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-03	**Analyst**	: LJG
Sample Amount	: 30.32 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	65.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	46.	U
205-99-2	Benzo(b)fluoranthene	ND	110	32.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	20.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	37.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	ND	110	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	26.	U
129-00-0	Pyrene	ND	110	19.	U
92-52-4	Biphenyl	ND	430	25.	U
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	37.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	79.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 10:42
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-03	**Analyst**	: LJG
Sample Amount	: 30.32 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	31.	U
105-67-9	2,4-Dimethylphenol	ND	190	63.	U
88-75-5	2-Nitrophenol	ND	410	72.	U
100-02-7	4-Nitrophenol	ND	270	78.	U
51-28-5	2,4-Dinitrophenol	ND	910	89.	U
534-52-1	4,6-Dinitro-o-cresol	ND	500	91.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	29.	U
95-48-7	2-Methylphenol	ND	190	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	67.	U
100-52-7	Benzaldehyde	ND	250	51.	U
105-60-2	Caprolactam	ND	190	58.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 10:42
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-03	**Analyst**	: LJG
Sample Amount	: 30.32 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 87
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	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.8	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 10:42
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-03	**Analyst**	: LJG
Sample Amount	: 30.32 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	1560	J
	Total TIC Compounds		1560J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-04	**Date Collected**	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 07:59
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-04	**Analyst**	: LJG
Sample Amount	: 30.1 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 88
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	28	150	20.	J
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	50.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	32.	U
206-44-0	Fluoranthene	360	110	22.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	32.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	200	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	540	170	U
67-72-1	Hexachloroethane	ND	150	30.	U
78-59-1	Isophorone	ND	170	24.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	38	17.	U
86-30-6	NDPA/DPA	ND	150	21.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	65.	U
85-68-7	Butyl benzyl phthalate	ND	190	47.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-04	**Date Collected**	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 07:59
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-04	**Analyst**	: LJG
Sample Amount	: 30.1 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 88
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	64.	U
84-66-2	Diethyl phthalate	ND	190	17.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	160	110	21.	
50-32-8	Benzo(a)pyrene	130	150	46.	J
205-99-2	Benzo(b)fluoranthene	160	110	32.	
207-08-9	Benzo(k)fluoranthene	67	110	30.	J
218-01-9	Chrysene	140	110	20.	
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	62	110	37.	J
191-24-2	Benzo(ghi)perylene	82	150	22.	J
86-73-7	Fluorene	26	190	18.	J
85-01-8	Phenanthrene	280	110	23.	
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	71	150	26.	J
129-00-0	Pyrene	320	110	19.	
92-52-4	Biphenyl	ND	430	24.	U
106-47-8	4-Chloroaniline	ND	190	34.	U
88-74-4	2-Nitroaniline	ND	190	36.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	78.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-04	**Date Collected**	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 07:59
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-04	**Analyst**	: LJG
Sample Amount	: 30.1 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 88
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	23.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	30.	U
105-67-9	2,4-Dimethylphenol	ND	190	62.	U
88-75-5	2-Nitrophenol	ND	410	71.	U
100-02-7	4-Nitrophenol	ND	260	77.	U
51-28-5	2,4-Dinitrophenol	ND	900	88.	U
534-52-1	4,6-Dinitro-o-cresol	ND	490	90.	U
87-86-5	Pentachlorophenol	ND	150	41.	U
108-95-2	Phenol	ND	190	28.	U
95-48-7	2-Methylphenol	ND	190	29.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	29.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	24	190	18.	J
1912-24-9	Atrazine	ND	150	66.	U
100-52-7	Benzaldehyde	ND	250	51.	U
105-60-2	Caprolactam	ND	190	57.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-04	**Date Collected**	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 07:59
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-04	**Analyst**	: LJG
Sample Amount	: 30.1 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 88
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	190	38.	U
123-91-1	1,4-Dioxane	ND	28	8.7	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-04	**Date Collected**	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 07:59
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-04	**Analyst**	: LJG
Sample Amount	: 30.1 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 88
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	1920	J
	Total TIC Compounds		1920J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 03:50
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-05	**Analyst**	: LJG
Sample Amount	: 30.31 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 86
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	150	20.	U
118-74-1	Hexachlorobenzene	ND	110	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	ND	110	22.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	550	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	ND	190	23.	U
98-95-3	Nitrobenzene	ND	38	17.	U
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	29.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	190	66.	U
85-68-7	Butyl benzyl phthalate	ND	190	48.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 03:50
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-05	**Analyst**	: LJG
Sample Amount	: 30.31 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 86
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
84-74-2	Di-n-butylphthalate	ND	190	36.	U
117-84-0	Di-n-octylphthalate	ND	190	65.	U
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	110	21.	U
50-32-8	Benzo(a)pyrene	ND	150	46.	U
205-99-2	Benzo(b)fluoranthene	ND	110	32.	U
207-08-9	Benzo(k)fluoranthene	ND	110	30.	U
218-01-9	Chrysene	ND	110	20.	U
208-96-8	Acenaphthylene	ND	150	29.	U
120-12-7	Anthracene	ND	110	37.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	ND	190	18.	U
85-01-8	Phenanthrene	ND	110	23.	U
53-70-3	Dibenzo(a,h)anthracene	ND	110	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	27.	U
129-00-0	Pyrene	ND	110	19.	U
92-52-4	Biphenyl	ND	440	25.	U
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	37.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	79.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 03:50
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-05	**Analyst**	: LJG
Sample Amount	: 30.31 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 86
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
132-64-9	Dibenzofuran	ND	190	18.	U
91-57-6	2-Methylnaphthalene	ND	230	23.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	110	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	22.	U
120-83-2	2,4-Dichlorophenol	ND	170	31.	U
105-67-9	2,4-Dimethylphenol	ND	190	63.	U
88-75-5	2-Nitrophenol	ND	410	72.	U
100-02-7	4-Nitrophenol	ND	270	78.	U
51-28-5	2,4-Dinitrophenol	ND	920	89.	U
534-52-1	4,6-Dinitro-o-cresol	ND	500	92.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	29.	U
95-48-7	2-Methylphenol	ND	190	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	270	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	36.	U
86-74-8	Carbazole	ND	190	18.	U
1912-24-9	Atrazine	ND	150	67.	U
100-52-7	Benzaldehyde	ND	250	52.	U
105-60-2	Caprolactam	ND	190	58.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 03:50
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-05	**Analyst**	: LJG
Sample Amount	: 30.31 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 86
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	190	38.	U
123-91-1	1,4-Dioxane	ND	29	8.8	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 03:50
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-05	**Analyst**	: LJG
Sample Amount	: 30.31 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 86
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	1580	J
	Total TIC Compounds		1580J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 05:01
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-06	**Analyst**	: LJG
Sample Amount	: 30.69 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 85
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	47	150	20.	J
118-74-1	Hexachlorobenzene	ND	120	21.	U
111-44-4	Bis(2-chloroethyl)ether	ND	170	26.	U
91-58-7	2-Chloronaphthalene	ND	190	19.	U
91-94-1	3,3'-Dichlorobenzidine	ND	190	51.	U
121-14-2	2,4-Dinitrotoluene	ND	190	38.	U
606-20-2	2,6-Dinitrotoluene	ND	190	33.	U
206-44-0	Fluoranthene	43	120	22.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	190	20.	U
101-55-3	4-Bromophenyl phenyl ether	ND	190	29.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	230	33.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	210	19.	U
87-68-3	Hexachlorobutadiene	ND	190	28.	U
77-47-4	Hexachlorocyclopentadiene	ND	550	170	U
67-72-1	Hexachloroethane	ND	150	31.	U
78-59-1	Isophorone	ND	170	25.	U
91-20-3	Naphthalene	160	190	23.	J
98-95-3	Nitrobenzene	ND	38	17.	U
86-30-6	NDPA/DPA	ND	150	22.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	190	30.	U
117-81-7	Bis(2-ethylhexyl)phthalate	1800	190	66.	
85-68-7	Butyl benzyl phthalate	220	190	48.	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 05:01
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-06	**Analyst**	: LJG
Sample Amount	: 30.69 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 85
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
84-74-2	Di-n-butylphthalate	52	190	36.	J
117-84-0	Di-n-octylphthalate	160	190	65.	J
84-66-2	Diethyl phthalate	ND	190	18.	U
131-11-3	Dimethyl phthalate	ND	190	40.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	150	47.	U
205-99-2	Benzo(b)fluoranthene	ND	120	32.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	150	30.	U
120-12-7	Anthracene	ND	120	37.	U
191-24-2	Benzo(ghi)perylene	ND	150	22.	U
86-73-7	Fluorene	70	190	19.	J
85-01-8	Phenanthrene	64	120	23.	J
53-70-3	Dibenzo(a,h)anthracene	ND	120	22.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	150	27.	U
129-00-0	Pyrene	41	120	19.	J
92-52-4	Biphenyl	58	440	25.	J
106-47-8	4-Chloroaniline	ND	190	35.	U
88-74-4	2-Nitroaniline	ND	190	37.	U
99-09-2	3-Nitroaniline	ND	190	36.	U
100-01-6	4-Nitroaniline	ND	190	79.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 05:01
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-06	**Analyst**	: LJG
Sample Amount	: 30.69 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 85
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
132-64-9	Dibenzofuran	110	190	18.	J
91-57-6	2-Methylnaphthalene	4300	230	23.	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	20.	U
98-86-2	Acetophenone	ND	190	24.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	36.	U
59-50-7	p-Chloro-m-cresol	ND	190	28.	U
95-57-8	2-Chlorophenol	ND	190	23.	U
120-83-2	2,4-Dichlorophenol	ND	170	31.	U
105-67-9	2,4-Dimethylphenol	ND	190	63.	U
88-75-5	2-Nitrophenol	ND	410	72.	U
100-02-7	4-Nitrophenol	ND	270	78.	U
51-28-5	2,4-Dinitrophenol	ND	920	89.	U
534-52-1	4,6-Dinitro-o-cresol	ND	500	92.	U
87-86-5	Pentachlorophenol	ND	150	42.	U
108-95-2	Phenol	ND	190	29.	U
95-48-7	2-Methylphenol	ND	190	30.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	280	30.	U
95-95-4	2,4,5-Trichlorophenol	ND	190	37.	U
86-74-8	Carbazole	ND	190	19.	U
1912-24-9	Atrazine	ND	150	67.	U
100-52-7	Benzaldehyde	ND	250	52.	U
105-60-2	Caprolactam	ND	190	58.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 05:01
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-06	**Analyst**	: LJG
Sample Amount	: 30.69 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 85
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	190	39.	U
123-91-1	1,4-Dioxane	ND	29	8.8	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 05:01
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-06	**Analyst**	: LJG
Sample Amount	: 30.69 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 85
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 16 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.74	1480	J
	Unknown Cycloalkane	3.01	1230	J
	Unknown Benzene	3.06	1630	J
	Unknown Cycloalkane	3.25	2260	J
	Unknown Benzene	3.31	1930	J
	Unknown Alkane	3.33	2480	J
	Unknown Benzene	3.35	2120	J
	Unknown	3.65	1770	J
	Unknown	3.72	1950	J
	Unknown Alkane	3.83	1230	J
	Unknown Alkane	4.23	3110	J
	Unknown Cycloalkane	4.54	1490	J
	Unknown	4.88	1770	J
	Unknown Alkane	4.92	3790	J
	Unknown Alkane	5.70	1480	J
	Total TIC Compounds		29700J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-07	**Date Collected**	: 05/14/26 11:05
Client ID	: SOIL-110-19-20	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 09:30
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-07	**Analyst**	: LJG
Sample Amount	: 30.54 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 91
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	140	19.	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	ND	110	21.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	180	19.	U
101-55-3	4-Bromophenyl phenyl ether	ND	180	28.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	220	31.	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	520	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	36	16.	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**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-07	**Date Collected**	: 05/14/26 11:05
Client ID	: SOIL-110-19-20	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 09:30
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-07	**Analyst**	: LJG
Sample Amount	: 30.54 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 91
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	17.	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	18.	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	23.	U
106-47-8	4-Chloroaniline	ND	180	33.	U
88-74-4	2-Nitroaniline	ND	180	35.	U
99-09-2	3-Nitroaniline	ND	180	34.	U
100-01-6	4-Nitroaniline	ND	180	75.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-07	**Date Collected**	: 05/14/26 11:05
Client ID	: SOIL-110-19-20	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 09:30
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-07	**Analyst**	: LJG
Sample Amount	: 30.54 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 91
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	220	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	60.	U
88-75-5	2-Nitrophenol	ND	390	68.	U
100-02-7	4-Nitrophenol	ND	250	74.	U
51-28-5	2,4-Dinitrophenol	ND	860	84.	U
534-52-1	4,6-Dinitro-o-cresol	ND	470	86.	U
87-86-5	Pentachlorophenol	ND	140	40.	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	18.	U
1912-24-9	Atrazine	ND	140	63.	U
100-52-7	Benzaldehyde	ND	240	49.	U
105-60-2	Caprolactam	ND	180	55.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-07	**Date Collected**	: 05/14/26 11:05
Client ID	: SOIL-110-19-20	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 09:30
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-07	**Analyst**	: LJG
Sample Amount	: 30.54 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 91
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
123-91-1	1,4-Dioxane	ND	27	8.3	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-07	**Date Collected**	: 05/14/26 11:05
Client ID	: SOIL-110-19-20	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 09:30
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-07	**Analyst**	: LJG
Sample Amount	: 30.54 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 91
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	1800	J
	Total TIC Compounds		1800J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 03:14
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-08	**Analyst**	: LJG
Sample Amount	: 30.28 g	**Instrument ID**	: SV124
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	160	20.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	26.	U
91-58-7	2-Chloronaphthalene	ND	200	19.	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	ND	120	22.	U
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	33.	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	25.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	39	17.	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	49.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 03:14
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-08	**Analyst**	: LJG
Sample Amount	: 30.28 g	**Instrument ID**	: SV124
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	200	37.	U
117-84-0	Di-n-octylphthalate	ND	200	66.	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	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	160	48.	U
205-99-2	Benzo(b)fluoranthene	ND	120	33.	U
207-08-9	Benzo(k)fluoranthene	ND	120	31.	U
218-01-9	Chrysene	ND	120	20.	U
208-96-8	Acenaphthylene	ND	160	30.	U
120-12-7	Anthracene	ND	120	38.	U
191-24-2	Benzo(ghi)perylene	ND	160	23.	U
86-73-7	Fluorene	ND	200	19.	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	27.	U
129-00-0	Pyrene	ND	120	19.	U
92-52-4	Biphenyl	ND	450	25.	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	81.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 03:14
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-08	**Analyst**	: LJG
Sample Amount	: 30.28 g	**Instrument ID**	: SV124
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	200	18.	U
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	20.	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	31.	U
105-67-9	2,4-Dimethylphenol	ND	200	65.	U
88-75-5	2-Nitrophenol	ND	420	74.	U
100-02-7	4-Nitrophenol	ND	270	80.	U
51-28-5	2,4-Dinitrophenol	ND	940	91.	U
534-52-1	4,6-Dinitro-o-cresol	ND	510	94.	U
87-86-5	Pentachlorophenol	ND	160	43.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	30.	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	ND	200	19.	U
1912-24-9	Atrazine	ND	160	68.	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**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 03:14
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-08	**Analyst**	: LJG
Sample Amount	: 30.28 g	**Instrument ID**	: SV124
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	200	40.	U
123-91-1	1,4-Dioxane	ND	29	9.0	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/20/26 03:14
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 29626-08	**Analyst**	: LJG
Sample Amount	: 30.28 g	**Instrument ID**	: SV124
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	1980	J
	Total TIC Compounds		1980J	J

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:00
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_52	**Analyst**	: AC
Sample Amount	: 2.14 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 95
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.791	0.530	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.396	0.079	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.198	0.049	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.791	0.152	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.198	0.162	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.198	0.028	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.198	0.071	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.198	0.049	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.107	0.198	0.044	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.791	0.475	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.198	0.034	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.198	0.032	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.184	0.198	0.103	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.198	0.049	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.791	0.233	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.198	0.093	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.198	0.095	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.198	0.087	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:00
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_52	**Analyst**	: AC
Sample Amount	: 2.14 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 95
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.198	0.093	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.198	0.113	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.198	0.077	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.198	0.099	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.198	0.091	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.198	0.144	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.791	0.158	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.791	0.281	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.198	0.093	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.791	0.154	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.791	0.392	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.198	0.059	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.198	0.065	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.98	0.247	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:00
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_52	**Analyst**	: AC
Sample Amount	: 2.14 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 95
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.98	0.239	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.396	0.036	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.396	0.051	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.396	0.048	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.396	0.119	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.989	0.342	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.94	1.39	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.94	1.93	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:28
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_55	**Analyst**	: AC
Sample Amount	: 2.38 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.804	0.539	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.402	0.080	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.201	0.050	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.804	0.155	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.201	0.165	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.201	0.028	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.201	0.072	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.201	0.050	U
335-67-1	Perfluorooctanoic Acid (PFOA)	0.097	0.201	0.044	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.804	0.482	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.201	0.034	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.201	0.032	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.213	0.201	0.104	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.201	0.050	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.804	0.237	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.201	0.095	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.201	0.097	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.201	0.088	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:28
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_55	**Analyst**	: AC
Sample Amount	: 2.38 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.201	0.095	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.201	0.114	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.201	0.078	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.201	0.100	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.201	0.093	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.201	0.147	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.804	0.161	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.804	0.285	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.201	0.095	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.804	0.157	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.804	0.398	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.201	0.060	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.201	0.066	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.01	0.251	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:28
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_55	**Analyst**	: AC
Sample Amount	: 2.38 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.01	0.243	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.402	0.036	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.402	0.052	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.402	0.048	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.402	0.121	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.00	0.348	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.02	1.41	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.02	1.96	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:37
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_56	**Analyst**	: AC
Sample Amount	: 2.32 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.796	0.534	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.398	0.080	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.199	0.050	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.796	0.153	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.199	0.163	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.199	0.028	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.199	0.072	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.199	0.050	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.199	0.044	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.796	0.478	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.199	0.034	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.199	0.032	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.199	0.104	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.199	0.050	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.796	0.235	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.199	0.094	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.199	0.096	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.199	0.088	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:37
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_56	**Analyst**	: AC
Sample Amount	: 2.32 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.199	0.094	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.199	0.113	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.199	0.078	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.199	0.100	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.199	0.092	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.199	0.145	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.796	0.159	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.796	0.283	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.199	0.094	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.796	0.155	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.796	0.394	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.199	0.060	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.199	0.066	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	1.99	0.249	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:37
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_56	**Analyst**	: AC
Sample Amount	: 2.32 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 87
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	1.99	0.241	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.398	0.036	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.398	0.052	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.398	0.048	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.398	0.119	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.995	0.344	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.98	1.40	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.98	1.94	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-04	**Date Collected**	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:46
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_57	**Analyst**	: AC
Sample Amount	: 2.27 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 88
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.799	0.535	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.400	0.080	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.200	0.050	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.799	0.154	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.200	0.164	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.200	0.028	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.200	0.072	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.200	0.050	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.200	0.044	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.799	0.479	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.200	0.034	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.200	0.032	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	0.200	0.104	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.200	0.050	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.799	0.236	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.200	0.094	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.200	0.096	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.200	0.088	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-04	**Date Collected**	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:46
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_57	**Analyst**	: AC
Sample Amount	: 2.27 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 88
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.200	0.094	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.200	0.114	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.200	0.078	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.200	0.100	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.200	0.092	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.200	0.146	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.799	0.160	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.799	0.284	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.200	0.094	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.799	0.156	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.799	0.396	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.200	0.060	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.200	0.066	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.00	0.250	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-04	**Date Collected**	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 13:46
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_57	**Analyst**	: AC
Sample Amount	: 2.27 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 88
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.00	0.242	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.400	0.036	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.400	0.052	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.400	0.048	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.400	0.120	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	0.999	0.346	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	4.99	1.40	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	4.99	1.95	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 14:13
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_60	**Analyst**	: AC
Sample Amount	: 2.3 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 86
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.805	0.539	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.402	0.081	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.201	0.050	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.805	0.155	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.201	0.165	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.201	0.028	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.201	0.073	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.079	0.201	0.050	J
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.201	0.044	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.805	0.483	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.201	0.034	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.201	0.032	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.286	0.201	0.105	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.201	0.050	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.805	0.238	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.201	0.095	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.201	0.097	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.201	0.089	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 14:13
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_60	**Analyst**	: AC
Sample Amount	: 2.3 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 86
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.201	0.095	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.201	0.115	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.201	0.079	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.201	0.101	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.201	0.093	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.201	0.147	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.805	0.161	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.805	0.286	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.201	0.095	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.805	0.157	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.805	0.398	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.201	0.060	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.201	0.066	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.01	0.252	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 14:13
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_60	**Analyst**	: AC
Sample Amount	: 2.3 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 86
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.01	0.244	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.402	0.036	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.402	0.052	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.402	0.048	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.402	0.121	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.01	0.348	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.03	1.41	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.03	1.96	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 14:22
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_61	**Analyst**	: AC
Sample Amount	: 2.33 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 85
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.808	0.541	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.404	0.081	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.202	0.051	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.808	0.156	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.202	0.166	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.202	0.028	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.202	0.073	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.067	0.202	0.051	J
335-67-1	Perfluorooctanoic Acid (PFOA)	0.051	0.202	0.044	J
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.808	0.485	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.202	0.034	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.202	0.032	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.149	0.202	0.105	J
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.202	0.051	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.808	0.238	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.202	0.095	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.202	0.097	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.202	0.089	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 14:22
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_61	**Analyst**	: AC
Sample Amount	: 2.33 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 85
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.202	0.095	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.202	0.115	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.202	0.079	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.202	0.101	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.202	0.093	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.202	0.147	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.808	0.162	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.808	0.287	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.202	0.095	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.808	0.158	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.808	0.400	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.202	0.061	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.202	0.067	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.02	0.252	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 14:22
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_61	**Analyst**	: AC
Sample Amount	: 2.33 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 85
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.02	0.244	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.404	0.036	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.404	0.053	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.404	0.049	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.404	0.121	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.01	0.349	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.05	1.42	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.05	1.97	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 14:51
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_64	**Analyst**	: AC
Sample Amount	: 2.36 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	0.804	0.539	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	0.402	0.080	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	0.201	0.050	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	0.804	0.155	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	0.201	0.165	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	0.201	0.028	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	0.201	0.072	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	0.201	0.050	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	0.201	0.044	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	0.804	0.482	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	0.201	0.034	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	0.201	0.032	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	0.290	0.201	0.104	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	0.201	0.050	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	0.804	0.237	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	0.201	0.095	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	0.201	0.097	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	0.201	0.089	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 14:51
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_64	**Analyst**	: AC
Sample Amount	: 2.36 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	0.201	0.095	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	0.201	0.115	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	0.201	0.078	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	0.201	0.100	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	0.201	0.093	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	0.201	0.147	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	0.804	0.161	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	0.804	0.286	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	0.201	0.095	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	0.804	0.157	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	0.804	0.398	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	0.201	0.060	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	0.201	0.066	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	2.01	0.251	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/05/26 14:51
Sample Matrix	: SOIL	**Date Extracted**	: 05/29/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI09_260605_64	**Analyst**	: AC
Sample Amount	: 2.36 g	**Instrument ID**	: LCMS09
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/g			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	2.01	0.243	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	0.402	0.036	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	0.402	0.052	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	0.402	0.048	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	0.402	0.121	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	1.00	0.348	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	5.03	1.41	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	5.03	1.96	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-01	Date Collected	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/29/26 22:19
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2220625.pdf	Instrument ID	: TRACE12
Sample Amount	: 1.255g	%Solids	: 95
Digestion Method	: EPA 3050B	Date Digested	: 05/29/26

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	5230	16.9	5.48		
7440-36-0	Antimony, Total	ND	8.43	6.49	U	UJ
7440-38-2	Arsenic, Total	ND	1.69	0.728	U	
7440-39-3	Barium, Total	58.0	1.69	0.179		
7440-41-7	Beryllium, Total	0.251	0.843	0.093	J	
7440-43-9	Cadmium, Total	ND	1.69	0.093	U	
7440-70-2	Calcium, Total	106000	16.9	9.56		
7440-47-3	Chromium, Total	10.4	1.69	1.43		
7440-48-4	Cobalt, Total	5.79	3.37	0.418		
7440-50-8	Copper, Total	19.4	1.69	0.383		
7439-89-6	Iron, Total	11300	42.2	13.5		
7439-92-1	Lead, Total	11.4	8.43	0.401		J+
7439-95-4	Magnesium, Total	41900	16.9	2.75		
7439-96-5	Manganese, Total	292	1.69	0.904		
7440-02-0	Nickel, Total	14.9	4.22	1.36		
7440-09-7	Potassium, Total	728	422	85.5		
7782-49-2	Selenium, Total	ND	3.37	0.555	U	
7440-22-4	Silver, Total	ND	0.843	0.502	U	
7440-23-5	Sodium, Total	402	337	179.		
7440-28-0	Thallium, Total	ND	3.37	1.52	U	
7440-62-2	Vanadium, Total	9.82	1.69	0.255		
7440-66-6	Zinc, Total	26.9	8.43	1.02		J+

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-02	Date Collected	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/29/26 21:52
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2220625.pdf	Instrument ID	: TRACE12
Sample Amount	: 1.324g	%Solids	: 84
Digestion Method	: EPA 3050B	Date Digested	: 05/29/26

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	9110	9.03	2.94		
7440-36-0	Antimony, Total	ND	4.52	3.48	U	UJ
7440-38-2	Arsenic, Total	4.42	0.903	0.390		
7440-39-3	Barium, Total	64.8	0.903	0.096		
7440-41-7	Beryllium, Total	0.441	0.452	0.050	J	
7440-43-9	Cadmium, Total	ND	0.903	0.050	U	
7440-70-2	Calcium, Total	79400	9.03	5.12		
7440-47-3	Chromium, Total	14.0	0.903	0.766		
7440-48-4	Cobalt, Total	8.11	1.81	0.224		
7440-50-8	Copper, Total	17.6	0.903	0.205		
7439-89-6	Iron, Total	17000	22.6	7.23		
7439-92-1	Lead, Total	16.5	4.52	0.215		J+
7439-95-4	Magnesium, Total	18800	9.03	1.47		
7439-96-5	Manganese, Total	367	0.903	0.484		
7440-02-0	Nickel, Total	19.4	2.26	0.730		
7440-09-7	Potassium, Total	896	226	45.8		
7782-49-2	Selenium, Total	ND	1.81	0.297	U	
7440-22-4	Silver, Total	ND	0.452	0.269	U	
7440-23-5	Sodium, Total	593	181	95.8		
7440-28-0	Thallium, Total	ND	1.81	0.815	U	
7440-62-2	Vanadium, Total	17.6	0.903	0.136		
7440-66-6	Zinc, Total	43.9	4.52	0.547		J+

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-03	Date Collected	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/29/26 21:55
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2220625.pdf	Instrument ID	: TRACE12
Sample Amount	: 1.284g	%Solids	: 87
Digestion Method	: EPA 3050B	Date Digested	: 05/29/26

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	2680	8.99	2.92		
7440-36-0	Antimony, Total	ND	4.50	3.46	U	UJ
7440-38-2	Arsenic, Total	1.62	0.899	0.388		
7440-39-3	Barium, Total	16.9	0.899	0.095		
7440-41-7	Beryllium, Total	0.138	0.450	0.050	J	
7440-43-9	Cadmium, Total	ND	0.899	0.050	U	
7440-70-2	Calcium, Total	55200	8.99	5.10		
7440-47-3	Chromium, Total	4.39	0.899	0.763		
7440-48-4	Cobalt, Total	3.96	1.80	0.223		
7440-50-8	Copper, Total	17.2	0.899	0.204		
7439-89-6	Iron, Total	7280	22.5	7.19		
7439-92-1	Lead, Total	4.67	4.50	0.214		J+
7439-95-4	Magnesium, Total	19200	8.99	1.46		
7439-96-5	Manganese, Total	210	0.899	0.482		
7440-02-0	Nickel, Total	8.20	2.25	0.727		
7440-09-7	Potassium, Total	398	225	45.6		
7782-49-2	Selenium, Total	ND	1.80	0.296	U	
7440-22-4	Silver, Total	ND	0.450	0.268	U	
7440-23-5	Sodium, Total	324	180	95.3		
7440-28-0	Thallium, Total	ND	1.80	0.811	U	
7440-62-2	Vanadium, Total	5.55	0.899	0.136		
7440-66-6	Zinc, Total	18.5	4.50	0.545		J+

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-04	Date Collected	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/29/26 20:30
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2220625.pdf	Instrument ID	: TRACE12
Sample Amount	: 1.304g	%Solids	: 88
Digestion Method	: EPA 3050B	Date Digested	: 05/29/26

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	4720	8.69	2.82		
7440-36-0	Antimony, Total	ND	4.35	3.35	U	UJ
7440-38-2	Arsenic, Total	3.21	0.869	0.376		
7440-39-3	Barium, Total	28.8	0.869	0.092		
7440-41-7	Beryllium, Total	0.236	0.435	0.048	J	
7440-43-9	Cadmium, Total	ND	0.869	0.048	U	
7440-70-2	Calcium, Total	78000	8.69	4.93		
7440-47-3	Chromium, Total	7.87	0.869	0.737		
7440-48-4	Cobalt, Total	5.00	1.74	0.216		
7440-50-8	Copper, Total	15.6	0.869	0.197		
7439-89-6	Iron, Total	10500	21.7	6.96		
7439-92-1	Lead, Total	24.2	4.35	0.207		J+
7439-95-4	Magnesium, Total	27700	8.69	1.42		
7439-96-5	Manganese, Total	376	0.869	0.466		
7440-02-0	Nickel, Total	11.7	2.17	0.702		
7440-09-7	Potassium, Total	642	217	44.1		
7782-49-2	Selenium, Total	0.343	1.74	0.286	J	
7440-22-4	Silver, Total	ND	0.435	0.259	U	
7440-23-5	Sodium, Total	462	174	92.2		
7440-28-0	Thallium, Total	ND	1.74	0.784	U	
7440-62-2	Vanadium, Total	10.6	0.869	0.131		
7440-66-6	Zinc, Total	30.7	4.35	0.527		J+

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-05	Date Collected	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/29/26 21:57
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2220625.pdf	Instrument ID	: TRACE12
Sample Amount	: 1.325g	%Solids	: 86
Digestion Method	: EPA 3050B	Date Digested	: 05/29/26

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	6130	8.74	2.84		
7440-36-0	Antimony, Total	ND	4.37	3.36	U	UJ
7440-38-2	Arsenic, Total	2.93	0.874	0.377		
7440-39-3	Barium, Total	49.3	0.874	0.093		
7440-41-7	Beryllium, Total	0.299	0.437	0.048	J	
7440-43-9	Cadmium, Total	ND	0.874	0.048	U	
7440-70-2	Calcium, Total	59600	8.74	4.95		
7440-47-3	Chromium, Total	10.4	0.874	0.741		
7440-48-4	Cobalt, Total	5.85	1.75	0.217		
7440-50-8	Copper, Total	15.4	0.874	0.198		
7439-89-6	Iron, Total	14300	21.8	6.99		
7439-92-1	Lead, Total	6.59	4.37	0.208		J+
7439-95-4	Magnesium, Total	20600	8.74	1.42		
7439-96-5	Manganese, Total	472	0.874	0.468		
7440-02-0	Nickel, Total	13.3	2.18	0.706		
7440-09-7	Potassium, Total	925	218	44.3		
7782-49-2	Selenium, Total	ND	1.75	0.287	U	
7440-22-4	Silver, Total	ND	0.437	0.260	U	
7440-23-5	Sodium, Total	182	175	92.6		
7440-28-0	Thallium, Total	ND	1.75	0.788	U	
7440-62-2	Vanadium, Total	16.0	0.874	0.132		
7440-66-6	Zinc, Total	29.6	4.37	0.529		J+

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-06	Date Collected	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/29/26 21:59
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2220625.pdf	Instrument ID	: TRACE12
Sample Amount	: 1.301g	%Solids	: 85
Digestion Method	: EPA 3050B	Date Digested	: 05/29/26

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	6530	9.04	2.94		
7440-36-0	Antimony, Total	ND	4.52	3.48	U	UJ
7440-38-2	Arsenic, Total	1.95	0.904	0.391		
7440-39-3	Barium, Total	29.4	0.904	0.096		
7440-41-7	Beryllium, Total	0.289	0.452	0.050	J	
7440-43-9	Cadmium, Total	ND	0.904	0.050	U	
7440-70-2	Calcium, Total	34200	9.04	5.13		
7440-47-3	Chromium, Total	9.61	0.904	0.767		
7440-48-4	Cobalt, Total	5.42	1.81	0.224		
7440-50-8	Copper, Total	15.5	0.904	0.205		
7439-89-6	Iron, Total	11400	22.6	7.23		
7439-92-1	Lead, Total	6.34	4.52	0.215		J+
7439-95-4	Magnesium, Total	20500	9.04	1.47		
7439-96-5	Manganese, Total	425	0.904	0.485		
7440-02-0	Nickel, Total	12.9	2.26	0.731		
7440-09-7	Potassium, Total	750	226	45.8		
7782-49-2	Selenium, Total	ND	1.81	0.298	U	
7440-22-4	Silver, Total	ND	0.452	0.269	U	
7440-23-5	Sodium, Total	243	181	95.8		
7440-28-0	Thallium, Total	ND	1.81	0.816	U	
7440-62-2	Vanadium, Total	14.3	0.904	0.136		
7440-66-6	Zinc, Total	29.4	4.52	0.548		J+

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-07	Date Collected	: 05/14/26 11:05
Client ID	: SOIL-110-19-20	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/29/26 22:22
Sample Matrix	: SOIL	Dilution Factor	: 4
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2220625.pdf	Instrument ID	: TRACE12
Sample Amount	: 1.285g	%Solids	: 91
Digestion Method	: EPA 3050B	Date Digested	: 05/29/26

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	5840	17.1	5.57		
7440-36-0	Antimony, Total	ND	8.57	6.60	U	UJ
7440-38-2	Arsenic, Total	2.66	1.71	0.740		
7440-39-3	Barium, Total	63.5	1.71	0.182		
7440-41-7	Beryllium, Total	0.290	0.857	0.094	J	
7440-43-9	Cadmium, Total	ND	1.71	0.094	U	
7440-70-2	Calcium, Total	92300	17.1	9.72		
7440-47-3	Chromium, Total	32.7	1.71	1.45		
7440-48-4	Cobalt, Total	6.14	3.43	0.425		
7440-50-8	Copper, Total	20.2	1.71	0.389		
7439-89-6	Iron, Total	12800	42.8	13.7		
7439-92-1	Lead, Total	9.20	8.57	0.408		J+
7439-95-4	Magnesium, Total	35800	17.1	2.79		
7439-96-5	Manganese, Total	287	1.71	0.919		
7440-02-0	Nickel, Total	15.1	4.28	1.38		
7440-09-7	Potassium, Total	848	428	86.9		
7782-49-2	Selenium, Total	ND	3.43	0.564	U	
7440-22-4	Silver, Total	ND	0.857	0.511	U	
7440-23-5	Sodium, Total	370	343	182.		
7440-28-0	Thallium, Total	ND	3.43	1.55	U	
7440-62-2	Vanadium, Total	11.7	1.71	0.259		
7440-66-6	Zinc, Total	27.5	8.57	1.04		J+

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	Project Number	: 086328
Lab ID	: L2629626-08	Date Collected	: 05/14/26 12:00
Client ID	: CHA-1	Date Received	: 05/14/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/29/26 22:04
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,6010D	Analyst	: JMF
Lab File ID	: WG2220625.pdf	Instrument ID	: TRACE12
Sample Amount	: 1.296g	%Solids	: 84
Digestion Method	: EPA 3050B	Date Digested	: 05/29/26

		mg/kg				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	5140	9.15	2.97		
7440-36-0	Antimony, Total	ND	4.58	3.52	U	UJ
7440-38-2	Arsenic, Total	2.56	0.915	0.395		
7440-39-3	Barium, Total	46.6	0.915	0.097		
7440-41-7	Beryllium, Total	0.241	0.458	0.050	J	
7440-43-9	Cadmium, Total	ND	0.915	0.050	U	
7440-70-2	Calcium, Total	61000	9.15	5.19		
7440-47-3	Chromium, Total	8.26	0.915	0.776		
7440-48-4	Cobalt, Total	5.03	1.83	0.227		
7440-50-8	Copper, Total	13.3	0.915	0.208		
7439-89-6	Iron, Total	11400	22.9	7.32		
7439-92-1	Lead, Total	7.23	4.58	0.218		J+
7439-95-4	Magnesium, Total	22300	9.15	1.49		
7439-96-5	Manganese, Total	354	0.915	0.491		
7440-02-0	Nickel, Total	11.4	2.29	0.740		
7440-09-7	Potassium, Total	779	229	46.4		
7782-49-2	Selenium, Total	ND	1.83	0.301	U	
7440-22-4	Silver, Total	ND	0.458	0.273	U	
7440-23-5	Sodium, Total	158	183	97.0	J	
7440-28-0	Thallium, Total	ND	1.83	0.826	U	
7440-62-2	Vanadium, Total	11.3	0.915	0.138		
7440-66-6	Zinc, Total	27.0	4.58	0.555		J+

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-01	**Date Collected**	: 05/14/26 08:50
Client ID	: SOIL-105-16-18	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 22:25
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: RDB
Lab File ID	: WG2220854.pdf	**Instrument ID**	: NIC2
Sample Amount	: 0.314g	**%Solids**	: 95
Digestion Method	: EPA 7471B	**Date Digested**	: 05/29/26

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.084	0.055	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-02	**Date Collected**	: 05/14/26 12:45
Client ID	: SOIL-106-12-14	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 22:29
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: RDB
Lab File ID	: WG2220854.pdf	**Instrument ID**	: NIC2
Sample Amount	: 0.4g	**%Solids**	: 84
Digestion Method	: EPA 7471B	**Date Digested**	: 05/29/26

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.075	0.049	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-03	**Date Collected**	: 05/14/26 09:20
Client ID	: SOIL-107-14-16	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 22:32
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: RDB
Lab File ID	: WG2220854.pdf	**Instrument ID**	: NIC2
Sample Amount	: 0.368g	**%Solids**	: 87
Digestion Method	: EPA 7471B	**Date Digested**	: 05/29/26

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.078	0.051	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-04	**Date Collected**	: 05/14/26 10:00
Client ID	: SOIL-108-13-15	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 22:15
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: RDB
Lab File ID	: WG2220854.pdf	**Instrument ID**	: NIC2
Sample Amount	: 0.367g	**%Solids**	: 88
Digestion Method	: EPA 7471B	**Date Digested**	: 05/29/26

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	0.065	0.077	0.050	J

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-05	**Date Collected**	: 05/14/26 11:30
Client ID	: SOIL-109-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 22:35
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: RDB
Lab File ID	: WG2220854.pdf	**Instrument ID**	: NIC2
Sample Amount	: 0.386g	**%Solids**	: 86
Digestion Method	: EPA 7471B	**Date Digested**	: 05/29/26

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.075	0.049	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-06	**Date Collected**	: 05/14/26 11:00
Client ID	: SOIL-110-8-10	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 22:39
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: RDB
Lab File ID	: WG2220854.pdf	**Instrument ID**	: NIC2
Sample Amount	: 0.316g	**%Solids**	: 85
Digestion Method	: EPA 7471B	**Date Digested**	: 05/29/26

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.093	0.061	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-07	**Date Collected**	: 05/14/26 11:05
Client ID	: SOIL-110-19-20	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 22:49
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: RDB
Lab File ID	: WG2220854.pdf	**Instrument ID**	: NIC2
Sample Amount	: 0.352g	**%Solids**	: 91
Digestion Method	: EPA 7471B	**Date Digested**	: 05/29/26

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.078	0.051	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: L2629626-08	**Date Collected**	: 05/14/26 12:00
Client ID	: CHA-1	**Date Received**	: 05/14/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 22:52
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7471B	**Analyst**	: RDB
Lab File ID	: WG2220854.pdf	**Instrument ID**	: NIC2
Sample Amount	: 0.365g	**%Solids**	: 84
Digestion Method	: EPA 7471B	**Date Digested**	: 05/29/26

		mg/kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.081	0.053	U

VOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8260D Volatiles Data
for Pace Analytical Services, SDG Number: L2629626

7 Soil Samples and 1 Field Duplicate
Collected May 14, 2026

Prepared by: Donald Anné
July 27, 2026

Holding Times: The 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 applicable compounds were above the method minimums, as required.

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 applicable compounds were above the method minimums, but not below 0.010 on 12-10-25 (V22251210A01). The %Ds for 10 compounds (marked with a red X on attached Form 7) were above the method maximum on 05-27-26 (V23260527N01). The %Ds for 5 compounds (marked with a red X on attached Form 7) were above the method maximum on 05-28-26 (V23260528A02). 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 %Ds for 11 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 05-27-26 (V23260527N01). The %Ds for 5 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 05-28-26 (V23260528A02). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG2219911-5BLANK contained a trace of bromomethane (0.68 ug/kg). Positive results for bromomethane that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

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Surrogate Recovery: One of four surrogate recoveries for sample SOIL-110-8-10 was above control limits. Positive results for sample SOIL-110-8-10 should be considered estimated, biased high (J+).

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for 36 compounds (highlighted yellow on attached Form 3) were above the allowable maximum; 1 or 2 percent recoveries (%Rs) for 47 compounds (highlighted yellow on attached Form 3) were below QC limits, but not below 10%; and 1 of 2 %Rs for 1,4-dioxane was below QC limits and below 10% for soil MS/MSD sample SOIL-108-13-15. The positive result for trichloroethene should be considered estimated, biased low; the "not detected" results for 46 compounds with %Rs below QC limits, but not below 10% estimated; and the "not detected" result for 1,4-dioxane rejected, unusable (R) in sample SOIL-108-13-15.

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 WG2220647-10/11.

The RPDs for target compounds were below the allowable maximum, but 1 of 2 %Rs for bromoform were below QC limits, but not below 10% for soil samples WG2219906-3/4 and WG2219911-3/4. Positive results for bromoform should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Field Duplicates: The analyses of soil field duplicate pair SOIL-109-8-10/CHA-1 reported target compounds as not detected; 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.

Surrogate Recovery Summary
Form 2
Volatiles

Client: CHA Companies
Project Name: SYR GATEWAY APARTMENTS

Lab Number: L2629626
Project Number: 086328
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
SOIL-105-16-18 (L2629626-01)	107	105	103	98	0
SOIL-106-12-14 (L2629626-02)	109	102	100	99	0
SOIL-107-14-16 (L2629626-03)	108	105	103	99	0
SOIL-108-13-15 (L2629626-04)	107	102	101	97	0
SOIL-109-8-10 (L2629626-05)	110	102	98	99	0
SOIL-110-8-10 (L2629626-06)	114	101	185*	97	1
SOIL-110-19-20 (L2629626-07)	108	103	104	99	0
CHA-1 (L2629626-08)	107	101	98	98	0
WG2219906-3LCS	102	102	99	96	0
WG2219906-4LCSD	105	101	101	98	0
WG2219906-5BLANK	106	106	98	98	0
WG2219911-3LCS	102	102	99	96	0
WG2219911-4LCSD	105	101	101	98	0
WG2219911-5BLANK	106	106	98	98	0
WG2220647-10LCS	106	101	104	99	0
WG2220647-11LCSD	104	99	102	98	0
WG2220647-12BLANK	106	101	98	100	0
WG2220647-3LCS	102	102	99	96	0
WG2220647-4LCSD	105	101	101	98	0
WG2220647-5BLANK	106	106	98	98	0
SOIL-108-13-15MS	130	97	103	106	0
SOIL-108-13-15MSD	119	98	102	105	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
Project Name : SYR GATEWAY APARTMENTS
Matrix (Level) : SOIL (HIGH)
LCS Sample ID : WG2219906-3 **Analysis Date** : 05/27/26 19:18 **File ID** : V23260527N01
LCSD Sample ID : WG2219906-4 **Analysis Date** : 05/27/26 19:44 **File ID** : V23260527N02
Lab Number : L2629626
Project Number : 086328

	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	1600	81		2000	1600	79	3	70-130	30
1,1-Dichloroethane	2000	1700	87		2000	1700	83	5	70-130	30
Chloroform	2000	1700	84		2000	1600	81	4	70-130	30
Carbon tetrachloride	2000	1600	78		2000	1500	77	1	70-130	30
1,2-Dichloropropane	2000	1800	87		2000	1700	87	0	70-130	30
Dibromochloromethane	2000	1500	76		2000	1500	77	1	70-130	30
1,1,2-Trichloroethane	2000	1700	86		2000	1700	84	2	70-130	30
Tetrachloroethene	2000	1700	84		2000	1600	79	6	70-130	30
Chlorobenzene	2000	1700	85		2000	1600	80	6	70-130	30
Trichlorofluoromethane	2000	1800	92		2000	1700	87	6	70-139	30
1,2-Dichloroethane	2000	1700	85		2000	1700	86	1	70-130	30
1,1,1-Trichloroethane	2000	1700	84		2000	1600	81	4	70-130	30
Bromodichloromethane	2000	1600	78		2000	1600	78	0	70-130	30
trans-1,3-Dichloropropene	2000	1600	82		2000	1600	80	2	70-130	30
cis-1,3-Dichloropropene	2000	1600	81		2000	1600	81	0	70-130	30
Bromoform	2000	1400	69	Q	2000	1400	72	4	70-130	30
1,1,2,2-Tetrachloroethane	2000	1700	85		2000	1700	86	1	70-130	30
Benzene	2000	1700	86		2000	1700	83	4	70-130	30
Toluene	2000	1700	84		2000	1600	80	5	70-130	30
Ethylbenzene	2000	1700	86		2000	1700	83	4	70-130	30
Chloromethane	2000	1800	91		2000	1700	85	7	52-130	30
Bromomethane	2000	2000	98		2000	1800	92	6	57-147	30
Vinyl chloride	2000	1800	91		2000	1700	86	6	67-130	30
Chloroethane	2000	1700	87		2000	1700	83	5	50-151	30
1,1-Dichloroethene	2000	1600	81		2000	1600	80	1	65-135	30
trans-1,2-Dichloroethene	2000	1600	81		2000	1600	80	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client : CHA Companies **Lab Number** : L2629626
Project Name : SYR GATEWAY APARTMENTS **Project Number** : 086328
Matrix (Level) : SOIL (HIGH)
LCS Sample ID : WG2219906-3 **Analysis Date** : 05/27/26 19:18 **File ID** : V23260527N01
LCSD Sample ID : WG2219906-4 **Analysis Date** : 05/27/26 19:44 **File ID** : V23260527N02

	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	1700	83	2000	1600	80	4	70-130	30
1,2-Dichlorobenzene	2000	1700	83	2000	1700	82	1	70-130	30
1,3-Dichlorobenzene	2000	1700	85	2000	1700	83	2	70-130	30
1,4-Dichlorobenzene	2000	1600	81	2000	1600	80	1	70-130	30
Methyl tert butyl ether	2000	1600	81	2000	1600	82	1	66-130	30
p/m-Xylene	4000	3500	86	4000	3400	84	2	70-130	30
o-Xylene	4000	3400	86	4000	3300	83	4	70-130	30
cis-1,2-Dichloroethene	2000	1600	80	2000	1600	79	1	70-130	30
Styrene	4000	3400	85	4000	3300	83	2	70-130	30
Dichlorodifluoromethane	2000	1600	79	2000	1500	74	7	30-146	30
Acetone	2000	1700	82	2000	1500	77	6	54-140	30
Carbon disulfide	2000	1500	77	2000	1500	74	4	59-130	30
2-Butanone	2000	1700	84	2000	1800	88	5	70-130	30
4-Methyl-2-pentanone	2000	1800	90	2000	1800	90	0	70-130	30
2-Hexanone	2000	1600	80	2000	1600	80	0	70-130	30
Bromochloromethane	2000	1600	78	2000	1600	78	0	70-130	30
1,2-Dibromoethane	2000	1700	86	2000	1700	83	4	70-130	30
1,2-Dibromo-3-chloropropane	2000	1500	72	2000	1500	74	3	68-130	30
Isopropylbenzene	2000	1700	87	2000	1700	84	4	70-130	30
1,2,3-Trichlorobenzene	2000	1500	76	2000	1600	78	3	70-130	30
1,2,4-Trichlorobenzene	2000	1600	79	2000	1600	81	3	70-130	30
Methyl Acetate	2000	1900	94	2000	1900	95	1	51-146	30
Cyclohexane	2000	1900	96	2000	1800	92	4	59-142	30
1,4-Dioxane	100000	100000	101	100000	110000	105	4	65-136	30
Freon-113	2000	1800	91	2000	1700	85	7	50-139	30
Methyl cyclohexane	2000	1800	90	2000	1700	86	5	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2219911-3 **Analysis Date** : 05/27/26 19:18	**File ID**	: V23260527N01
LCSD Sample ID	: WG2219911-4 **Analysis Date** : 05/27/26 19:44	**File ID**	: V23260527N02

	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	32	81		40	32	79	3	70-130	30
1,1-Dichloroethane	40	35	87		40	33	83	5	70-130	30
Chloroform	40	34	84		40	32	81	4	70-130	30
Carbon tetrachloride	40	31	78		40	31	77	1	70-130	30
1,2-Dichloropropane	40	35	87		40	35	87	0	70-130	30
Dibromochloromethane	40	31	76		40	31	77	1	70-130	30
1,1,2-Trichloroethane	40	34	86		40	34	84	2	70-130	30
Tetrachloroethene	40	33	84		40	32	79	6	70-130	30
Chlorobenzene	40	34	85		40	32	80	6	70-130	30
Trichlorofluoromethane	40	37	92		40	35	87	6	70-139	30
1,2-Dichloroethane	40	34	85		40	34	86	1	70-130	30
1,1,1-Trichloroethane	40	34	84		40	32	81	4	70-130	30
Bromodichloromethane	40	31	78		40	31	78	0	70-130	30
trans-1,3-Dichloropropene	40	33	82		40	32	80	2	70-130	30
cis-1,3-Dichloropropene	40	32	81		40	33	81	0	70-130	30
Bromoform	40	28	69	Q	40	29	72	4	70-130	30
1,1,2,2-Tetrachloroethane	40	34	85		40	34	86	1	70-130	30
Benzene	40	35	86		40	33	83	4	70-130	30
Toluene	40	34	84		40	32	80	5	70-130	30
Ethylbenzene	40	34	86		40	33	83	4	70-130	30
Chloromethane	40	36	91		40	34	85	7	52-130	30
Bromomethane	40	39	98		40	37	92	6	57-147	30
Vinyl chloride	40	37	91		40	34	86	6	67-130	30
Chloroethane	40	35	87		40	33	83	5	50-151	30
1,1-Dichloroethene	40	32	81		40	32	80	1	65-135	30
trans-1,2-Dichloroethene	40	33	81		40	32	80	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2219911-3 **Analysis Date** : 05/27/26 19:18	**File ID**	: V23260527N01
LCSD Sample ID	: WG2219911-4 **Analysis Date** : 05/27/26 19:44	**File ID**	: V23260527N02

	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	33	83	40	32	80	4	70-130	30
1,2-Dichlorobenzene	40	33	83	40	33	82	1	70-130	30
1,3-Dichlorobenzene	40	34	85	40	33	83	2	70-130	30
1,4-Dichlorobenzene	40	32	81	40	32	80	1	70-130	30
Methyl tert butyl ether	40	33	81	40	33	82	1	66-130	30
p/m-Xylene	80	69	86	80	67	84	2	70-130	30
o-Xylene	80	69	86	80	66	83	4	70-130	30
cis-1,2-Dichloroethene	40	32	80	40	32	79	1	70-130	30
Styrene	80	68	85	80	66	83	2	70-130	30
Dichlorodifluoromethane	40	32	79	40	30	74	7	30-146	30
Acetone	40	33	82	40	31	77	6	54-140	30
Carbon disulfide	40	31	77	40	30	74	4	59-130	30
2-Butanone	40	34	84	40	35	88	5	70-130	30
4-Methyl-2-pentanone	40	36	90	40	36	90	0	70-130	30
2-Hexanone	40	32	80	40	32	80	0	70-130	30
Bromochloromethane	40	31	78	40	31	78	0	70-130	30
1,2-Dibromoethane	40	34	86	40	33	83	4	70-130	30
1,2-Dibromo-3-chloropropane	40	29	72	40	29	74	3	68-130	30
Isopropylbenzene	40	35	87	40	33	84	4	70-130	30
1,2,3-Trichlorobenzene	40	30	76	40	31	78	3	70-130	30
1,2,4-Trichlorobenzene	40	32	79	40	33	81	3	70-130	30
Methyl Acetate	40	38	94	40	38	95	1	51-146	30
Cyclohexane	40	38	96	40	37	92	4	59-142	30
1,4-Dioxane	2000	2000	101	2000	2100	105	4	65-136	30
Freon-113	40	37	91	40	34	85	7	50-139	30
Methyl cyclohexane	40	36	90	40	34	86	5	70-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Client Sample ID	: SOIL-108-13-15	**Matrix (Level)**	: SOIL (LOW)
Lab Sample ID	: L2629626-04	**Analysis Date**	: 05/28/26 16:13
Matrix Spike	: WG2220647-6	**MS Analysis Date**	: 05/28/26 06:07
Matrix Spike Dup	: WG2220647-7	**MSD Analysis Date**	: 05/28/26 06:34

		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	102	46	45	Q	114	60	53	Q	27		70-130	30
1,1-Dichloroethane	ND	102	41	40	Q	114	58	51	Q	33	Q	70-130	30
Chloroform	ND	102	41	40	Q	114	56	49	Q	32	Q	70-130	30
Carbon tetrachloride	ND	102	30	29	Q	114	49	43	Q	48	Q	70-130	30
1,2-Dichloropropane	ND	102	47	46	Q	114	66	58	Q	33	Q	70-130	30
Dibromochloromethane	ND	102	44	43	Q	114	62	54	Q	33	Q	70-130	30
1,1,2-Trichloroethane	ND	102	53	52	Q	114	69	60	Q	25		70-130	30
Tetrachloroethene	ND	102	25	24	Q	114	44	38	Q	55	Q	70-130	30
Chlorobenzene	ND	102	30	29	Q	114	49	43	Q	49	Q	70-130	30
Trichlorofluoromethane	ND	102	34	33	Q	114	52	46	Q	42	Q	70-139	30
1,2-Dichloroethane	ND	102	56	54	Q	114	70	62	Q	23		70-130	30
1,1,1-Trichloroethane	ND	102	34	33	Q	114	53	46	Q	42	Q	70-130	30
Bromodichloromethane	ND	102	43	42	Q	114	61	54	Q	34	Q	70-130	30
trans-1,3-Dichloropropene	ND	102	40	39	Q	114	58	51	Q	37	Q	70-130	30
cis-1,3-Dichloropropene	ND	102	42	41	Q	114	60	52	Q	35	Q	70-130	30
Bromoform	ND	102	44	43	Q	114	59	52	Q	29		70-130	30
1,1,2,2-Tetrachloroethane	ND	102	56	55	Q	114	70	61	Q	21		70-130	30
Benzene	ND	102	38	37	Q	114	55	49	Q	37	Q	70-130	30
Toluene	ND	102	31	30	Q	114	49	43	Q	46	Q	70-130	30
Ethylbenzene	ND	102	28	27	Q	114	48	42	Q	54	Q	70-130	30
Chloromethane	ND	102	37	36	Q	114	53	47	Q	36	Q	52-130	30
Bromomethane	ND	102	42	41	Q	114	57	50	Q	30		57-147	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Client Sample ID	: SOIL-108-13-15	**Matrix (Level)**	: SOIL (LOW)
Lab Sample ID	: L2629626-04	**Analysis Date**	: 05/28/26 16:13
Matrix Spike	: WG2220647-6	**MS Analysis Date**	: 05/28/26 06:07
Matrix Spike Dup	: WG2220647-7	**MSD Analysis Date**	: 05/28/26 06:34

		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	102	35	34	Q	114	50	44	Q	35	Q	67-130	30
Chloroethane	ND	102	35	34	Q	114	52	46	Q	39	Q	50-151	30
1,1-Dichloroethene	ND	102	32	31	Q	114	47	42	Q	38	Q	65-135	30
trans-1,2-Dichloroethene	ND	102	33	32	Q	114	48	42	Q	39	Q	70-130	30
Trichloroethene	0.44J	102	34	33	Q	114	52	45	Q	41	Q	70-130	30
1,2-Dichlorobenzene	ND	102	27	26	Q	114	46	41	Q	53	Q	70-130	30
1,3-Dichlorobenzene	ND	102	22	22	Q	114	41	36	Q	60	Q	70-130	30
1,4-Dichlorobenzene	ND	102	22	21	Q	114	40	35	Q	59	Q	70-130	30
Methyl tert butyl ether	ND	102	67	65	Q	114	80	70		18		66-130	30
p/m-Xylene	ND	205	54	26	Q	227	95	42	Q	54	Q	70-130	30
o-Xylene	ND	205	61	30	Q	227	100	45	Q	51	Q	70-130	30
cis-1,2-Dichloroethene	ND	102	38	37	Q	114	54	47	Q	34	Q	70-130	30
Styrene	ND	205	59	29	Q	227	100	44	Q	53	Q	70-130	30
Dichlorodifluoromethane	ND	102	27	27	Q	114	40	35		37	Q	30-146	30
Acetone	ND	102	110	103		114	100	91		3		54-140	30
Carbon disulfide	ND	102	28	27	Q	114	43	38	Q	42	Q	59-130	30
2-Butanone	ND	102	96	93		114	100	89		6		70-130	30
4-Methyl-2-pentanone	ND	102	82	80		114	92	81		11		70-130	30
2-Hexanone	ND	102	70	68	Q	114	79	69	Q	12		70-130	30
Bromochloromethane	ND	102	50	49	Q	114	64	56	Q	24		70-130	30
1,2-Dibromoethane	ND	102	51	50	Q	114	68	59	Q	28		70-130	30
1,2-Dibromo-3-chloropropane	ND	102	53	51	Q	114	66	58	Q	23		68-130	30

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Client Sample ID	: SOIL-108-13-15	**Matrix (Level)**	: SOIL (LOW)
Lab Sample ID	: L2629626-04	**Analysis Date**	: 05/28/26 16:13
Matrix Spike	: WG2220647-6	**MS Analysis Date**	: 05/28/26 06:07
Matrix Spike Dup	: WG2220647-7	**MSD Analysis Date**	: 05/28/26 06:34

		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	ND	102	25	25	Q	114	46	40	Q	58	Q	70-130	30
1,2,3-Trichlorobenzene	ND	102	21	20	Q	114	38	34	Q	59	Q	70-130	30
1,2,4-Trichlorobenzene	ND	102	18	17	Q	114	34	30	Q	63	Q	70-130	30
Methyl Acetate	ND	102	120	114		114	120	107		4		51-146	30
Cyclohexane	ND	102	34	33	Q	114	52	46	Q	43	Q	59-142	30
1,4-Dioxane X	ND	5120	ND	0	Q	5680	5600	98		NC		65-136	30
Freon-113	ND	102	33	32	Q	114	50	44	Q	41	Q	50-139	30
Methyl cyclohexane	ND	102	30	29	Q	114	48	42	Q	47	Q	70-130	30

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: WG2219911-5	**Date Collected**	: NA
Client ID	: WG2219911-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/27/26 21:02
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: ODD
Lab File ID	: V23260527N05	**Instrument ID**	: VOA123
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	0.68	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 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: WG2219911-5	**Date Collected**	: NA
Client ID	: WG2219911-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/27/26 21:02
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: ODD
Lab File ID	: V23260527N05	**Instrument ID**	: VOA123
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 5035/8260

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: WG2219911-5	**Date Collected**	: NA
Client ID	: WG2219911-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/27/26 21:02
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: ODD
Lab File ID	: V23260527N05	**Instrument ID**	: VOA123
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

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Instrument ID	: VOA123	**Calibration Date**	: 05/27/26 19:18
Lab File ID	: V23260527N01	**Init. Calib. Date(s)**	: 05/20/26 05/20/26
Sample No	: WG2219906-2	**Init. Calib. Times**	: 15:26 19:46
Channel	:		

Compound		Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene		1	1	-	0	20	82	0
Dichlorodifluoromethane	X	0.296	0.234	-	20.9*	20	65	0
Chloromethane		0.357	0.324	-	9.2	20	75	0
Vinyl chloride		0.318	0.29	-	8.8	20	75	0
Bromomethane		0.169	0.166	-	1.8	20	84	0
Chloroethane		0.2	0.174	-	13	20	71	0
Trichlorofluoromethane		0.338	0.311	-	8	20	75	0
Ethyl ether		0.15	0.124	-	17.3	20	69	0
1,1-Dichloroethene		0.228	0.185	-	18.9	20	67	0
Carbon disulfide	X	0.869	0.666	-	23.4*	20	66	0
Freon-113		0.217	0.198	-	8.8	20	74	0
Acrolein		0.022	0.016	-	27.3*	20	64	0
Methylene chloride		0.294	0.237	-	19.4	20	68	0
Acetone		40	32.933	-	17.7	20	75	0
trans-1,2-Dichloroethene		0.27	0.22	-	18.5	20	65	0
Methyl acetate		0.134	0.127	-	5.2	20	81	0
Methyl tert-butyl ether		0.71	0.578	-	18.6	20	68	0
tert-Butyl alcohol		0.025	0.019	-	24*	20	64	0
Diisopropyl ether		0.978	0.935	-	4.4	20	78	0
1,1-Dichloroethane		0.536	0.465	-	13.2	20	70	0
Halothane		0.195	0.156	-	20	20	67	0
Acrylonitrile		0.073	0.062	-	15.1	20	74	0
Ethyl tert-butyl ether		0.936	0.818	-	12.6	20	72	0
Vinyl acetate		0.567	0.524	-	7.6	20	76	0
cis-1,2-Dichloroethene		0.304	0.245	-	19.4	20	65	0
2,2-Dichloropropane		0.413	0.342	-	17.2	20	67	0
Bromochloromethane	X	0.132	0.103	-	22*	20	63	0
Cyclohexane		0.469	0.449	-	4.3	20	81	0
Chloroform		0.513	0.432	-	15.8	20	69	0
Ethyl acetate		0.202	0.188	-	6.9	20	78	0
Carbon tetrachloride	X	0.368	0.287	-	22*	20	64	0
Tetrahydrofuran		0.072	0.061	-	15.3	20	80	0
Dibromofluoromethane		0.251	0.241	-	4	20	79	0
1,1,1-Trichloroethane		0.421	0.354	-	15.9	20	68	0
2-Butanone		0.086	0.072	-	16.3	20	74	0
1,1-Dichloropropene		0.335	0.298	-	11	20	71	0
Benzene		1.04	0.9	-	13.5	20	69	0
tert-Amyl methyl ether		0.751	0.607	-	19.2	20	67	0
1,2-Dichloroethane-d4		0.254	0.259	-	-2	20	86	0
1,2-Dichloroethane		0.38	0.323	-	15	20	70	0
Methyl cyclohexane		0.425	0.383	-	9.9	20	74	0
Trichloroethene		0.287	0.239	-	16.7	20	68	0
Dibromomethane	X	0.157	0.125	-	20.4*	20	65	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Instrument ID	: VOA123	**Calibration Date**	: 05/27/26 19:18
Lab File ID	: V23260527N01	**Init. Calib. Date(s)**	: 05/20/26 05/20/26
Sample No	: WG2219906-2	**Init. Calib. Times**	: 15:26 19:46
Channel	:		

Compound		Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane		0.298	0.26	-	12.8	20	71	0
Bromodichloromethane	X	0.395	0.307	-	22.3*	20	63	0
1,4-Dioxane		0.00184	0.00185*	-	-0.5	20	78	0
cis-1,3-Dichloropropene		0.429	0.346	-	19.3	20	63	0
Chlorobenzene-d5		1	1	-	0	20	80	0
Toluene-d8		1.34	1.366	-	-1.9	20	81	0
Toluene		0.943	0.795	-	15.7	20	66	0
4-Methyl-2-pentanone		0.11	0.099	-	10	20	69	0
Tetrachloroethene		0.386	0.322	-	16.6	20	63	0
trans-1,3-Dichloropropene		0.52	0.424	-	18.5	20	62	0
Ethyl methacrylate		0.416	0.321	-	22.8*	20	62	0
1,1,2-Trichloroethane		0.259	0.223	-	13.9	20	69	0
Chlorodibromomethane	X	0.376	0.286	-	23.9*	20	59	0
1,3-Dichloropropane		0.515	0.449	-	12.8	20	69	0
1,2-Dibromoethane		0.285	0.245	-	14	20	65	0
2-Hexanone		0.192	0.155	-	19.3	20	66	0
Chlorobenzene		1.044	0.886	-	15.1	20	66	0
Ethylbenzene		1.799	1.546	-	14.1	20	67	0
1,1,1,2-Tetrachloroethane		0.382	0.305	-	20.2*	20	61	0
p/m Xylene		0.682	0.589	-	13.6	20	66	0
o Xylene		0.682	0.585	-	14.2	20	66	0
Styrene		1.128	0.963	-	14.6	20	64	0
1,4-Dichlorobenzene-d4		1	1	-	0	20	78	0
Bromoform	X	0.44	0.304	-	30.9*	20	54	0
Isopropylbenzene		3.282	2.862	-	12.8	20	67	0
4-Bromofluorobenzene		0.926	0.914	-	1.3	20	78	0
Bromobenzene		0.854	0.684	-	19.9	20	63	0
n-Propylbenzene		3.885	3.514	-	9.5	20	69	0
1,4-Dichlorobutane		1.103	1.054	-	4.4	20	75	0
1,1,2,2-Tetrachloroethane		0.713	0.604	-	15.3	20	69	0
4-Ethyltoluene		3.289	2.891	-	12.1	20	67	0
2-Chlorotoluene		2.432	2.106	-	13.4	20	67	0
1,3,5-Trimethylbenzene		2.87	2.476	-	13.7	20	66	0
1,2,3-Trichloropropane		0.535	0.451	-	15.7	20	68	0
trans-1,4-Dichloro-2-buten		0.217	0.173	-	20.3*	20	64	0
4-Chlorotoluene		2.512	2.145	-	14.6	20	66	0
tert-Butylbenzene		2.416	2.051	-	15.1	20	66	0
1,2,4-Trimethylbenzene		2.884	2.447	-	15.2	20	65	0
sec-Butylbenzene		3.603	3.147	-	12.7	20	67	0
p-Isopropyltoluene		3.132	2.665	-	14.9	20	65	0
1,3-Dichlorobenzene		1.605	1.359	-	15.3	20	64	0
1,4-Dichlorobenzene		1.665	1.349	-	19	20	63	0
p-Diethylbenzene		1.884	1.608	-	14.6	20	65	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Instrument ID	: VOA123	**Calibration Date**	: 05/27/26 19:18
Lab File ID	: V23260527N01	**Init. Calib. Date(s)**	: 05/20/26 05/20/26
Sample No	: WG2219906-2	**Init. Calib. Times**	: 15:26 19:46
Channel	:		

Compound		Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene		2.866	2.597	-	9.4	20	68	0
1,2-Dichlorobenzene		1.495	1.247	-	16.6	20	64	0
1,2,4,5-Tetramethylbenzene		3.017	2.521	-	16.4	20	63	0
1,2-Dibromo-3-chloropropan	X	0.101	0.073	-	27.7*	20	54	0
1,3,5-Trichlorobenzene		1.266	1.022	-	19.3	20	61	0
Hexachlorobutadiene		0.621	0.484	-	22.1*	20	59	0
1,2,4-Trichlorobenzene	X	1.072	0.844	-	21.3*	20	59	0
Naphthalene		1.942	1.566	-	19.4	20	64	0
1,2,3-Trichlorobenzene		0.929	0.706	-	24*	20	58	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Instrument ID	: VOA123	**Calibration Date**	: 05/28/26 07:42
Lab File ID	: V23260528A02	**Init. Calib. Date(s)**	: 05/20/26 05/20/26
Sample No	: WG2220647-9	**Init. Calib. Times**	: 15:26 19:46
Channel	:		

Compound		Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene		1	1	-	0	20	85	0
Dichlorodifluoromethane		0.296	0.338	-	-14.2	20	97	0
Chloromethane		0.357	0.416	-	-16.5	20	100	0
Vinyl chloride	X	0.318	0.401	-	-26.1*	20	107	0
Bromomethane	X	0.169	0.213	-	-26*	20	111	0
Chloroethane		0.2	0.238	-	-19	20	101	0
Trichlorofluoromethane	X	0.338	0.453	-	-34*	20	114	0
Ethyl ether		0.15	0.162	-	-8	20	94	0
1,1-Dichloroethene		0.228	0.272	-	-19.3	20	103	0
Carbon disulfide		0.869	0.951	-	-9.4	20	98	0
Freon-113	X	0.217	0.285	-	-31.3*	20	111	0
Acrolein		0.022	0.022	-	0	20	92	0
Methylene chloride		0.294	0.301	-	-2.4	20	90	0
Acetone		40	36.153	-	9.6	20	85	0
trans-1,2-Dichloroethene		0.27	0.303	-	-12.2	20	93	0
Methyl acetate		0.134	0.156	-	-16.4	20	103	0
Methyl tert-butyl ether		0.71	0.743	-	-4.6	20	91	0
tert-Butyl alcohol		0.025	0.024	-	4	20	86	0
Diisopropyl ether		0.978	1.162	-	-18.8	20	101	0
1,1-Dichloroethane		0.536	0.616	-	-14.9	20	97	0
Halothane		0.195	0.219	-	-12.3	20	97	0
Acrylonitrile		0.073	0.078	-	-6.8	20	96	0
Ethyl tert-butyl ether		0.936	1.043	-	-11.4	20	95	0
Vinyl acetate		0.567	0.732	-	-29.1*	20	110	0
cis-1,2-Dichloroethene		0.304	0.325	-	-6.9	20	90	0
2,2-Dichloropropane		0.413	0.483	-	-16.9	20	99	0
Bromochloromethane		0.132	0.131	-	0.8	20	84	0
Cyclohexane	X	0.469	0.646	-	-37.7*	20	120	0
Chloroform		0.513	0.557	-	-8.6	20	93	0
Ethyl acetate		0.202	0.245	-	-21.3*	20	105	0
Carbon tetrachloride		0.368	0.428	-	-16.3	20	99	0
Tetrahydrofuran		0.072	0.086	-	-19.4	20	117	0
Dibromofluoromethane		0.251	0.248	-	1.2	20	84	0
1,1,1-Trichloroethane		0.421	0.5	-	-18.8	20	99	0
2-Butanone		0.086	0.089	-	-3.5	20	95	0
1,1-Dichloropropene		0.335	0.421	-	-25.7*	20	105	0
Benzene		1.04	1.178	-	-13.3	20	93	0
tert-Amyl methyl ether		0.751	0.786	-	-4.7	20	90	0
1,2-Dichloroethane-d4		0.254	0.269	-	-5.9	20	93	0
1,2-Dichloroethane		0.38	0.422	-	-11.1	20	95	0
Methyl cyclohexane	X	0.425	0.551	-	-29.6*	20	110	0
Trichloroethene		0.287	0.324	-	-12.9	20	95	0
Dibromomethane		0.157	0.167	-	-6.4	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	**Lab Number**	: L2629626		
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328		
Instrument ID	: VOA123	**Calibration Date**	: 05/28/26 07:42		
Lab File ID	: V23260528A02	**Init. Calib. Date(s)**	: 05/20/26	05/20/26	
Sample No	: WG2220647-9	**Init. Calib. Times**	: 15:26	19:46	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.298	0.335	-	-12.4	20	94	0
Bromodichloromethane	0.395	0.409	-	-3.5	20	88	0
1,4-Dioxane	0.00184	0.00208*	-	-13	20	92	0
cis-1,3-Dichloropropene	0.429	0.468	-	-9.1	20	88	0
Chlorobenzene-d5	1	1	-	0	20	85	0
Toluene-d8	1.34	1.356	-	-1.2	20	85	0
Toluene	0.943	1.044	-	-10.7	20	92	0
4-Methyl-2-pentanone	0.11	0.126	-	-14.5	20	94	0
Tetrachloroethene	0.386	0.456	-	-18.1	20	95	0
trans-1,3-Dichloropropene	0.52	0.559	-	-7.5	20	87	0
Ethyl methacrylate	0.416	0.426	-	-2.4	20	88	0
1,1,2-Trichloroethane	0.259	0.279	-	-7.7	20	92	0
Chlorodibromomethane	0.376	0.381	-	-1.3	20	84	0
1,3-Dichloropropane	0.515	0.567	-	-10.1	20	93	0
1,2-Dibromoethane	0.285	0.313	-	-9.8	20	89	0
2-Hexanone	0.192	0.202	-	-5.2	20	91	0
Chlorobenzene	1.044	1.134	-	-8.6	20	89	0
Ethylbenzene	1.799	2.066	-	-14.8	20	95	0
1,1,1,2-Tetrachloroethane	0.382	0.399	-	-4.5	20	85	0
p/m Xylene	0.682	0.783	-	-14.8	20	94	0
o Xylene	0.682	0.753	-	-10.4	20	90	0
Styrene	1.128	1.253	-	-11.1	20	89	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	82	0
Bromoform	0.44	0.424	-	3.6	20	79	0
Isopropylbenzene	3.282	3.9	-	-18.8	20	96	0
4-Bromofluorobenzene	0.926	0.964	-	-4.1	20	86	0
Bromobenzene	0.854	0.896	-	-4.9	20	87	0
n-Propylbenzene	3.885	4.767	-	-22.7*	20	99	0
1,4-Dichlorobutane	1.103	1.341	-	-21.6*	20	100	0
1,1,2,2-Tetrachloroethane	0.713	0.773	-	-8.4	20	93	0
4-Ethyltoluene	3.289	3.878	-	-17.9	20	94	0
2-Chlorotoluene	2.432	2.796	-	-15	20	93	0
1,3,5-Trimethylbenzene	2.87	3.312	-	-15.4	20	93	0
1,2,3-Trichloropropane	0.535	0.594	-	-11	20	95	0
trans-1,4-Dichloro-2-buten	0.217	0.233	-	-7.4	20	91	0
4-Chlorotoluene	2.512	2.849	-	-13.4	20	92	0
tert-Butylbenzene	2.416	2.778	-	-15	20	94	0
1,2,4-Trimethylbenzene	2.884	3.237	-	-12.2	20	90	0
sec-Butylbenzene	3.603	4.289	-	-19	20	97	0
p-Isopropyltoluene	3.132	3.655	-	-16.7	20	93	0
1,3-Dichlorobenzene	1.605	1.776	-	-10.7	20	89	0
1,4-Dichlorobenzene	1.665	1.766	-	-6.1	20	87	0
p-Diethylbenzene	1.884	2.202	-	-16.9	20	93	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	**Lab Number**	: L2629626	
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328	
Instrument ID	: VOA123	**Calibration Date**	: 05/28/26 07:42	
Lab File ID	: V23260528A02	**Init. Calib. Date(s)**	: 05/20/26	05/20/26
Sample No	: WG2220647-9	**Init. Calib. Times**	: 15:26	19:46
Channel	:			

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.866	3.572	-	-24.6*	20	98	0
1,2-Dichlorobenzene	1.495	1.609	-	-7.6	20	87	0
1,2,4,5-Tetramethylbenzene	3.017	3.357	-	-11.3	20	88	0
1,2-Dibromo-3-chloropropan	0.101	0.101	-	0	20	79	0
1,3,5-Trichlorobenzene	1.266	1.377	-	-8.8	20	86	0
Hexachlorobutadiene	0.621	0.684	-	-10.1	20	88	.01
1,2,4-Trichlorobenzene	1.072	1.165	-	-8.7	20	85	0
Naphthalene	1.942	2.079	-	-7.1	20	89	0
1,2,3-Trichlorobenzene	0.929	0.958	-	-3.1	20	83	0

* Value outside of QC limits.

SVOC Data Section

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QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services
SDG Number: L2629626

7 Soil Samples and 1 Field Duplicate
Collected May 14, 2026

Prepared by: Donald Anné
July 27, 2026

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 RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV124 on 03-23-26. 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 05-20-26 (WG2215844-3). The %Ds for 2-nitrophenol, 2,4-dinitrophenol, and 2-nitrophenol were above the method maximum on 05-20-26 (WG2215844-3). 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.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

The %Ds for 2-nitrophenol, 2,4-dinitrophenol, and 2-nitrophenol were above the allowable maximum (20%) on 05-20-26 (WG2215844-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: Method blank WG2215620-1BLANK contained a trace of dimethyl phthalate (51 ug/kg). Positive results for dimethyl phthalate that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples.

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Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: One of three base/neutral surrogates for sample SOIL-110-8-10 was above control limits. No action is taken on one surrogate recovery per fraction outside control limits, provided no recovery is less than 10%.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum, but 2 of 2 percent recoveries for phenol were above QC limits soil MS/MSD sample SOIL-108-13-15. Sample SOIL-108-13-15 reported phenol as "not detected"; therefore, no action is taken.

Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for soil samples WG2215620-2/3.

Field Duplicates: The analyses of soil field duplicate pair SOIL-109-8-10/CHA-1 reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Client Sample ID	: SOIL-108-13-15	**Matrix (Level)**	: SOIL (LOW)
Lab Sample ID	: L2629626-04	**Analysis Date**	: 05/20/26 07:59
Matrix Spike	: WG2215620-4	**MS Analysis Date**	: 05/20/26 08:17
Matrix Spike Dup	: WG2215620-5	**MSD Analysis Date**	: 05/20/26 08:35

		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
Acenaphthene	28J	1490	1400	94	1490	1300	87	7	31-137	50
Hexachlorobenzene	ND	1490	1300	87	1490	1200	80	8	40-140	50
Bis(2-chloroethyl)ether	ND	1490	1400	94	1490	1300	87	7	40-140	50
2-Chloronaphthalene	ND	1490	1400	94	1490	1300	87	7	40-140	50
3,3'-Dichlorobenzidine	ND	1490	1200	80	1490	1100	74	9	40-140	50
2,4-Dinitrotoluene	ND	1490	1500	100	1490	1400	94	7	40-132	50
2,6-Dinitrotoluene	ND	1490	1400	94	1490	1400	94	0	40-140	50
Fluoranthene	360	1490	1600	83	1490	1400	70	13	40-140	50
4-Chlorophenyl phenyl ether	ND	1490	1400	94	1490	1200	80	15	40-140	50
4-Bromophenyl phenyl ether	ND	1490	1300	87	1490	1300	87	0	40-140	50
Bis(2-chloroisopropyl)ether	ND	1490	1400	94	1490	1300	87	7	40-140	50
Bis(2-chloroethoxy)methane	ND	1490	1500	100	1490	1400	94	7	40-117	50
Hexachlorobutadiene	ND	1490	1300	87	1490	1100	74	17	40-140	50
Hexachlorocyclopentadiene	ND	1490	900	60	1490	900	60	0	40-140	50
Hexachloroethane	ND	1490	1300	87	1490	1200	80	8	40-140	50
Isophorone	ND	1490	1500	100	1490	1400	94	7	40-140	50
Naphthalene	ND	1490	1400	94	1490	1300	87	7	40-140	50
Nitrobenzene	ND	1490	1400	94	1490	1400	94	0	40-140	50
NDPA/DPA	ND	1490	1300	87	1490	1200	80	8	36-157	50
n-Nitrosodi-n-propylamine	ND	1490	1400	94	1490	1400	94	0	32-121	50
Bis(2-ethylhexyl)phthalate	ND	1490	1600	110	1490	1400	94	13	40-140	50
Butyl benzyl phthalate	ND	1490	1600	110	1490	1400	94	13	40-140	50

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Client Sample ID	: SOIL-108-13-15	**Matrix (Level)**	: SOIL (LOW)
Lab Sample ID	: L2629626-04	**Analysis Date**	: 05/20/26 07:59
Matrix Spike	: WG2215620-4	**MS Analysis Date**	: 05/20/26 08:17
Matrix Spike Dup	: WG2215620-5	**MSD Analysis Date**	: 05/20/26 08:35

		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
Di-n-butylphthalate	ND	1490	1500	100	1490	1400	94	7	40-140	50
Di-n-octylphthalate	ND	1490	1700	110	1490	1500	100	13	40-140	50
Diethyl phthalate	ND	1490	1400	94	1490	1400	94	0	40-140	50
Dimethyl phthalate	ND	1490	1400	94	1490	1400	94	0	40-140	50
Benzo(a)anthracene	160	1490	1400	83	1490	1400	83	0	40-140	50
Benzo(a)pyrene	130J	1490	1400	94	1490	1200	80	15	40-140	50
Benzo(b)fluoranthene	160	1490	1400	83	1490	1200	70	15	40-140	50
Benzo(k)fluoranthene	67J	1490	1300	87	1490	1200	80	8	40-140	50
Chrysene	140	1490	1400	84	1490	1200	71	15	40-140	50
Acenaphthylene	ND	1490	1400	94	1490	1400	94	0	40-140	50
Anthracene	62J	1490	1400	94	1490	1300	87	7	40-140	50
Benzo(ghi)perylene	82J	1490	1300	87	1490	1100	74	17	40-140	50
Fluorene	26J	1490	1400	94	1490	1400	94	0	40-140	50
Phenanthrene	280	1490	1500	82	1490	1400	75	7	40-140	50
Dibenzo(a,h)anthracene	ND	1490	1300	87	1490	1200	80	8	40-140	50
Indeno(1,2,3-cd)pyrene	71J	1490	1300	87	1490	1200	80	8	40-140	50
Pyrene	320	1490	1600	86	1490	1400	72	13	35-142	50
Biphenyl	ND	1490	1200	80	1490	1200	80	0	37-127	50
4-Chloroaniline	ND	1490	940	63	1490	1100	74	16	40-140	50
2-Nitroaniline	ND	1490	1400	94	1490	1500	100	7	47-134	50
3-Nitroaniline	ND	1490	1200	80	1490	1200	80	0	26-129	50
4-Nitroaniline	ND	1490	1300	87	1490	1400	94	7	41-125	50

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Client Sample ID	: SOIL-108-13-15	**Matrix (Level)**	: SOIL (LOW)
Lab Sample ID	: L2629626-04	**Analysis Date**	: 05/20/26 07:59
Matrix Spike	: WG2215620-4	**MS Analysis Date**	: 05/20/26 08:17
Matrix Spike Dup	: WG2215620-5	**MSD Analysis Date**	: 05/20/26 08:35

		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
Dibenzofuran	ND	1490	1300	87		1490	1200	80		8	40-140	50
2-Methylnaphthalene	ND	1490	1400	94		1490	1300	87		7	40-140	50
1,2,4,5-Tetrachlorobenzene	ND	1490	1200	80		1490	1100	74		9	40-117	50
Acetophenone	ND	1490	1400	94		1490	1300	87		7	14-144	50
2,4,6-Trichlorophenol	ND	1490	1400	94		1490	1400	94		0	30-130	50
p-Chloro-m-cresol	ND	1490	1400	94		1490	1400	94		0	26-103	50
2-Chlorophenol	ND	1490	1400	94		1490	1300	87		7	25-102	50
2,4-Dichlorophenol	ND	1490	1400	94		1490	1400	94		0	30-130	50
2,4-Dimethylphenol	ND	1490	1400	94		1490	1400	94		0	30-130	50
2-Nitrophenol	ND	1490	1400	94		1490	1400	94		0	30-130	50
4-Nitrophenol	ND	1490	1300	87		1490	1200	80		8	11-114	50
2,4-Dinitrophenol	ND	1490	210J	14		1490	270J	18		25	4-130	50
4,6-Dinitro-o-cresol	ND	1490	540	36		1490	730	49		30	10-130	50
Pentachlorophenol	ND	1490	1200	80		1490	1200	80		0	17-109	50
Phenol	ND	1490	1400	94	Q	1490	1400	94	Q	0	26-90	50
2-Methylphenol	ND	1490	1400	94		1490	1300	87		7	30-130	50
3-Methylphenol/4-Methylphenol	ND	1490	1400	94		1490	1400	94		0	30-130	50
2,4,5-Trichlorophenol	ND	1490	1400	94		1490	1400	94		0	30-130	50
Carbazole	24J	1490	1400	94		1490	1300	87		7	54-128	50
Atrazine	ND	1490	1400	94		1490	1400	94		0	40-140	50
Benzaldehyde	ND	1490	1100	74		1490	1100	74		0	40-140	50
Caprolactam	ND	1490	1300	87		1490	1400	94		7	15-130	50

Matrix Spike Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Client Sample ID	: SOIL-108-13-15	**Matrix (Level)**	: SOIL (LOW)
Lab Sample ID	: L2629626-04	**Analysis Date**	: 05/20/26 07:59
Matrix Spike	: WG2215620-4	**MS Analysis Date**	: 05/20/26 08:17
Matrix Spike Dup	: WG2215620-5	**MSD Analysis Date**	: 05/20/26 08:35

		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
2,3,4,6-Tetrachlorophenol	ND	1490	1300	87	1490	1300	87	0	40-140	50
1,4-Dioxane	ND	1490	940	63	1490	870	58	8	40-140	50

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: CHA Companies
Project Name: SYR GATEWAY APARTMENTS

Lab Number: L2629626
Project Number: 086328
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
SOIL-105-16-18 (L2629626-01)	99	113	106	95	92	51	0
SOIL-106-12-14 (L2629626-02)	77	87	85	83	75	57	0
SOIL-107-14-16 (L2629626-03)	86	98	97	92	79	54	0
SOIL-108-13-15 (L2629626-04)	105	116	113	103	99	63	0
SOIL-109-8-10 (L2629626-05)	79	88	85	87	72	59	0
SOIL-110-8-10 (L2629626-06)	97	111	151*	95	89	78	1
SOIL-110-19-20 (L2629626-07)	104	119	114	106	109	69	0
CHA-1 (L2629626-08)	102	117	111	111	102	70	0
WG2215620-1BLANK	83	93	89	101	101	90	0
WG2215620-2LCS	74	81	76	85	87	76	0
WG2215620-3LCSD	76	83	76	89	88	78	0
SOIL-108-13-15MS	92	101	99	95	89	84	0
SOIL-108-13-15MSD	86	99	95	90	84	73	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

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: WG2215620-1	**Date Collected**	: NA
Client ID	: WG2215620-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/20/26 01:12
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 215620-1	**Analyst**	: CMM
Sample Amount	: 30.22 g	**Instrument ID**	: JULIET
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: NA
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	99	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	99	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	33	14.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	57.	U
85-68-7	Butyl benzyl phthalate	ND	160	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: WG2215620-1	**Date Collected**	: NA
Client ID	: WG2215620-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/20/26 01:12
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 215620-1	**Analyst**	: CMM
Sample Amount	: 30.22 g	**Instrument ID**	: JULIET
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: NA
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	51	160	35.	J
56-55-3	Benzo(a)anthracene	ND	99	19.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	99	28.	U
207-08-9	Benzo(k)fluoranthene	ND	99	26.	U
218-01-9	Chrysene	ND	99	17.	U
208-96-8	Acenaphthylene	ND	130	26.	U
120-12-7	Anthracene	ND	99	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	99	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	99	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	99	16.	U
92-52-4	Biphenyl	ND	380	22.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: WG2215620-1	**Date Collected**	: NA
Client ID	: WG2215620-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/20/26 01:12
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 215620-1	**Analyst**	: CMM
Sample Amount	: 30.22 g	**Instrument ID**	: JULIET
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: NA
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
132-64-9	Dibenzofuran	ND	160	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	99	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	25.	U
95-57-8	2-Chlorophenol	ND	160	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	360	62.	U
100-02-7	4-Nitrophenol	ND	230	68.	U
51-28-5	2,4-Dinitrophenol	ND	790	77.	U
534-52-1	4,6-Dinitro-o-cresol	ND	430	79.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	32.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	58.	U
100-52-7	Benzaldehyde	ND	220	45.	U
105-60-2	Caprolactam	ND	160	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Lab ID	: WG2215620-1	**Date Collected**	: NA
Client ID	: WG2215620-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/20/26 01:12
Sample Matrix	: SOIL	**Date Extracted**	: 05/19/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 215620-1	**Analyst**	: CMM
Sample Amount	: 30.22 g	**Instrument ID**	: JULIET
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: NA
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	160	33.	U
123-91-1	1,4-Dioxane	ND	25	7.6	U

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2629626**
Project Name	**: SYR GATEWAY APARTMENTS**	**Project Number**	**: 086328**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL23181**
Calibration dates	**: 03/23/26 22:58 03/24/26 08:16**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.590	0.638	0.615	0.638	0.650	0.671	0.682	0.683	0.708	0.715	0.659	6.05
3)	t	Pyridine	0.892	1.039	0.980	0.984	1.123	1.154	1.202	1.219	1.258	1.276	1.113	11.88
4)	S	2-Fluorophenol	1.007	0.996	0.923	1.009	1.012	1.092	1.089	1.121	1.122	1.162	1.053	7.08
5)	T	Aniline	1.638	1.640	1.660	1.727	1.714	1.783	1.836	1.845	1.927	1.894	1.766	6.01
6)	t	2-Chlorophenol	1.261	1.108	1.170	1.212	1.232	1.244	1.262	1.283	1.310	1.298	1.238	4.98
7)	S	Phenol-d6	1.114	1.070	1.126	1.131	1.158	1.193	1.249	1.272	1.330	1.308	1.195	7.49
8)	T	Phenol	1.479	1.187	1.324	1.291	1.345	1.425	1.463	1.485	1.582	1.563	1.414	8.87
9)	T	bis(2-Chloroethyl)ether	1.196	1.016	1.003	0.997	1.021	1.038	1.046	1.066	1.094	1.066	1.054	5.56
10)	T	1,3-Dichlorobenzene	1.543	1.470	1.452	1.478	1.494	1.526	1.504	1.529	1.528	1.523	1.505	2.00
11)	T	1,4-Dichlorobenzene	1.632	1.535	1.478	1.561	1.492	1.537	1.519	1.541	1.535	1.546	1.538	2.70
12)	T	1,2-Dichlorobenzene	1.598	1.422	1.457	1.445	1.489	1.507	1.473	1.503	1.503	1.493	1.489	3.19
13)	t	Benzyl alcohol	0.743	0.700	0.774	0.842	0.862	0.917	1.006	1.020	1.093	1.038	0.900	15.16
14)	T	bis(2-chloroisopropyl)ether	2.111	2.045	2.005	1.980	1.970	2.013	2.033	2.030	2.110	2.007	2.030	2.36
15)	T	2-Methylphenol	1.070	1.044	1.081	1.049	1.058	1.054	1.117	1.119	1.173	1.126	1.089	3.91
16)	T	Hexachloroethane	0.625	0.552	0.561	0.558	0.539	0.559	0.561	0.571	0.577	0.566	0.567	4.01
17)	T	n-Nitrosodi-n-propylamine	0.826	0.803	0.805	0.803	0.839	0.845	0.926	0.920	1.005	0.913	0.868	7.92
18)	T	3-Methylphenol/4-Methylphenol	0.989	1.045	1.054	1.043	1.097	1.093	1.167	1.165	1.232	1.160	1.105	6.77
19)	S	Nitrobenzene-d5	1.185	1.134	1.218	1.146	1.221	1.242	1.331	1.322	1.408	1.318	1.252	7.13
20)	T	Nitrobenzene	1.278	1.097	1.184	1.157	1.180	1.166	1.251	1.261	1.325	1.265	1.216	5.72
21)	T	Isophorone	2.137	2.052	2.029	1.969	2.037	2.021	2.308	2.245	2.456	2.167	2.142	7.19
22)	T	2-Nitrophenol	0.483	0.534	0.580	0.562	0.608	0.640	0.687	0.687	0.738	0.683	0.620	13.04
23)	T	2,4-Dimethylphenol	0.892	0.880	0.908	0.947	0.962	1.016	1.095	1.084	1.168	1.073	1.002	9.90
24)	T	bis(2-Chloroethoxy)methane	1.305	1.193	1.292	1.249	1.325	1.364	1.457	1.435	1.540	1.394	1.355	7.66
25)	T	2,4-Dichlorophenol	0.849	0.931	0.939	0.999	1.032	1.116	1.222	1.192	1.289	1.176	1.074	13.54
26)	T	1,2,4-Trichlorobenzene	1.376	1.276	1.276	1.273	1.303	1.325	1.379	1.362	1.414	1.326	1.331	3.75
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.867	0.929	0.877	0.946	1.005	1.032	1.051	1.032	1.080	1.099	0.992	8.29
29)	T	Acetophenone	1.562	1.514	1.628	1.683	1.784	1.865	1.831	1.805	1.923	1.916	1.751	8.34
30)	T	m-Toluidine	1.637	1.647	1.730	1.729	1.809	1.852	1.827	1.785	1.891	1.897	1.780	5.20
31)	T	2-Chloroaniline	1.710	1.651	1.657	1.639	1.706	1.746	1.703	1.647	1.741	1.733	1.693	2.44
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.525	0.528	0.596	0.466	0.437	0.450	0.466	0.446	0.447	0.444	0.481	10.85
34)	T	n-Decane	1.389	1.409	1.388	1.417	1.377	1.427	1.448	1.425	1.451	1.447	1.418	1.89
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.052	0.933	0.947	0.960	0.931	0.980	0.961	0.980	0.971	0.973	0.969	3.53

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2629626**
Project Name	**: SYR GATEWAY APARTMENTS**	**Project Number**	**: 086328**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL23181**
Calibration dates	**: 03/23/26 22:58 03/24/26 08:16**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
37)	T	Benzoic Acid				0.048	0.099	0.165	0.209	0.241	0.265	0.249	*L	0.9955
38)	T	4-Chloroaniline	0.350	0.315	0.373	0.395	0.386	0.401	0.428	0.437	0.449	0.443	0.398	10.96
39)	T	Hexachlorobutadiene	0.210	0.203	0.198	0.200	0.191	0.212	0.199	0.208	0.201	0.204	0.203	3.07
40)	T	p-Chloro-m-cresol	0.249	0.235	0.266	0.251	0.272	0.276	0.303	0.306	0.321	0.300	0.278	10.21
41)	T	2-Methylnaphthalene	0.672	0.631	0.622	0.606	0.617	0.636	0.648	0.660	0.667	0.649	0.641	3.43
42)	T	1-Methylnaphthalene	0.735	0.652	0.648	0.644	0.635	0.641	0.670	0.672	0.684	0.659	0.664	4.45
43)	T	Hexachlorocyclopentadiene	0.256	0.218	0.249	0.247	0.250	0.278	0.279	0.286	0.294	0.286	0.264	9.07
44)	T	2,4,6-Trichlorophenol	0.177	0.184	0.213	0.190	0.212	0.221	0.249	0.245	0.261	0.240	0.219	13.32
45)	T	2,4,5-Trichlorophenol	0.230	0.220	0.238	0.248	0.245	0.253	0.281	0.284	0.291	0.271	0.256	9.47
46)	S	2-Fluorobiphenyl	0.878	0.810	0.838	0.806	0.828	0.827	0.865	0.852	0.861	0.813	0.838	3.01
47)	T	2-Chloronaphthalene	0.704	0.642	0.678	0.632	0.641	0.635	0.685	0.686	0.706	0.663	0.667	4.27
48)	T	2-Nitroaniline	0.158	0.171	0.196	0.173	0.194	0.193	0.236	0.246	0.251	0.223	0.204	16.19
49)	T	1,4-Dinitrobenzene	0.071	0.082	0.088	0.083	0.095	0.089	0.117	0.119	0.124	0.108	0.098	18.70
50)	T	1,3-Dinitrobenzene	0.079	0.085	0.106	0.094	0.102	0.100	0.129	0.132	0.135	0.114	0.108	18.23
51)	T	Dimethyl phthalate	0.774	0.752	0.815	0.725	0.752	0.707	0.869	0.871	0.873	0.765	0.790	7.91
52)	T	Acenaphthylene	1.130	1.108	1.121	1.062	1.089	1.046	1.171	1.156	1.164	1.074	1.112	3.95
53)	T	2,6-Dinitrotoluene	0.143	0.143	0.150	0.141	0.153	0.145	0.185	0.182	0.189	0.162	0.159	12.04
54)	T	1,2-Dinitrobenzene	0.058	0.063	0.074	0.070	0.070	0.065	0.083	0.084	0.085	0.073	0.073	12.64
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.302	0.319	0.311	0.316	0.338	0.341	0.336	0.339	0.345	0.348	0.329	4.82
57)	T	3-Chloroaniline	0.364	0.344	0.409	0.406	0.436	0.438	0.457	0.444	0.459	0.460	0.422	9.60
58)	T	2,6-Dichlorophenol	0.219	0.235	0.249	0.312	0.314	0.331	0.332	0.328	0.339	0.339	0.300	15.59
59)	T	1-chloro-2-nitrobenzene	0.131	0.125	0.140	0.140	0.145	0.151	0.153	0.152	0.156	0.156	0.145	7.49
60)	T	Caprolactam			0.125	0.131	0.149	0.165	0.168	0.169	0.179	0.181	0.158	13.27
61)	T	1,2,4,5-Tetrachlorobenzene	0.385	0.394	0.408	0.411	0.415	0.416	0.402	0.387	0.392	0.384	0.399	3.15
62)	T	Biphenyl	1.018	0.955	0.968	0.974	0.969	0.971	0.943	0.911	0.935	0.921	0.957	3.22
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.212	0.254	0.256	0.256	0.286	0.292	0.332	0.351	0.348	0.331	0.292	16.23
65)	T	Acenaphthene	1.114	0.999	0.980	0.987	0.999	1.020	0.991	1.033	1.003	1.014	1.014	3.79
66)	T	2,4-Dinitrophenol			0.081	0.085	0.122	0.143	0.182	0.205	0.207	0.186	*L	0.9945
67)	T	Dibenzofuran	1.856	1.677	1.654	1.682	1.721	1.721	1.747	1.794	1.728	1.719	1.730	3.40
68)	T	2,4-Dinitrotoluene	0.301	0.316	0.323	0.317	0.348	0.346	0.408	0.435	0.426	0.395	0.362	13.84
69)	T	4-Nitrophenol		0.123	0.142	0.147	0.181	0.184	0.243	0.261	0.261	0.241	*L	0.9952
70)	T	2,3,5,6-Tetrachlorophenol			0.255	0.276	0.306	0.344	0.380	0.398	0.395	0.380	0.342	16.48
71)	T	2,3,4,6-Tetrachlorophenol	0.277	0.265	0.299	0.311	0.336	0.343	0.381	0.389	0.386	0.367	0.335	13.69
72)	T	Diethyl phthalate	1.298	1.237	1.228	1.215	1.293	1.261	1.437	1.471	1.450	1.348	1.324	7.34

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2629626**
Project Name	**: SYR GATEWAY APARTMENTS**	**Project Number**	**: 086328**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL23181**
Calibration dates	**: 03/23/26 22:58 03/24/26 08:16**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
73)	T	Fluorene	1.329	1.244	1.262	1.282	1.287	1.282	1.355	1.386	1.315	1.292	1.303	3.32
74)	T	4-Chlorophenyl-phenylether	0.641	0.587	0.588	0.582	0.588	0.604	0.624	0.627	0.593	0.591	0.602	3.42
75)	T	4-Nitroaniline				0.229	0.246	0.254	0.320	0.345	0.333	0.306	0.291	15.92
76)	T	4,6-Dinitro-o-cresol		0.111	0.141	0.152	0.182	0.199	0.261	0.277	0.276	0.248	*L	0.9944
77)	T	NDPA/DPA	1.116	1.088	1.101	1.109	1.148	1.117	1.219	1.262	1.210	1.160	1.153	5.08
78)	T	Azobenzene	1.289	1.223	1.261	1.222	1.220	1.265	1.363	1.408	1.403	1.338	1.299	5.68
79)	S	2,4,6-Tribromophenol			0.192	0.197	0.218	0.224	0.261	0.274	0.279	0.256	0.238	14.48
80)	T	4-Bromophenyl-phenylether	0.383	0.363	0.392	0.349	0.371	0.369	0.408	0.421	0.408	0.391	0.386	5.94
81)	T	Hexachlorobenzene	0.456	0.468	0.451	0.447	0.455	0.434	0.488	0.509	0.505	0.475	0.469	5.35
82)	T	Pentachlorophenol			0.114	0.166	0.193	0.237	0.324	0.349	0.353	0.321	*L	0.9944
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran	0.122	0.135	0.145	0.157	0.156	0.180	0.189	0.194	0.204	0.204	0.169	17.53
85)	T	Pentachloronitrobenzene	0.143	0.136	0.175	0.181	0.161	0.187	0.191	0.189	0.194	0.193	0.175	12.14
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.229	0.315	0.326	0.325	0.331	0.367	0.401	0.425	0.423	0.394	0.354	17.13
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.098	1.020	0.997	1.051	1.014	1.067	1.040	1.049	1.020	1.028	1.038	2.84
90)	T	Anthracene	1.175	1.006	1.067	1.058	1.056	1.104	1.099	1.122	1.075	1.082	1.084	4.17
91)	T	Carbazole	1.005	0.936	0.923	0.976	1.010	1.021	1.071	1.096	1.064	1.049	1.015	5.67
92)	T	Di-n-butylphthalate	1.173	1.147	1.114	1.116	1.141	1.218	1.280	1.318	1.325	1.264	1.209	6.80
93)	T	Fluoranthene	1.222	1.180	1.112	1.132	1.161	1.146	1.231	1.221	1.198	1.186	1.179	3.44
94)	T	Benzidine	0.566	0.574	0.587	0.617	0.713	0.670	0.820	0.782	0.831	0.838	0.700	15.91
95)	T	Pyrene	1.295	1.234	1.148	1.203	1.228	1.186	1.295	1.256	1.239	1.222	1.231	3.70
96)	S	4-Terphenyl-d14	1.407	1.193	1.064	1.012	0.993	0.925	1.018	0.981	0.957	0.955	1.051	13.90
97)	T	Butyl benzyl phthalate	0.536	0.503	0.491	0.483	0.532	0.499	0.612	0.583	0.619	0.613	0.547	9.97
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.569	0.498	0.554	0.535	0.512	0.589	0.574	0.570	0.593	0.597	0.559	6.10
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.504	0.451	0.450	0.470	0.472	0.483	0.473	0.501	0.503	0.505	0.481	4.43
102)	T	Parathion	0.108	0.106	0.106	0.105	0.107	0.117	0.129	0.149	0.153	0.150	0.123	16.58
103)	T	3,3'-Dimethylbenzidine	0.623	0.657	0.685	0.632	0.679	0.765	0.829	0.874	0.901	0.868	0.751	14.46
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.439	1.249	1.222	1.226	1.256	1.289	1.279	1.274	1.227	1.238	1.270	5.04
106)	T	3,3'-Dichlorobenzidine	0.452	0.467	0.446	0.449	0.500	0.518	0.541	0.542	0.547	0.550	0.501	8.76
107)	T	Chrysene	1.546	1.285	1.281	1.300	1.246	1.254	1.233	1.206	1.172	1.190	1.271	8.28
108)	T	bis(2-Ethylhexyl)phthalate	0.947	0.824	0.816	0.830	0.836	0.935	0.928	0.976	0.981	0.902	0.898	7.27

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2629626**
Project Name	**: SYR GATEWAY APARTMENTS**	**Project Number**	**: 086328**
Instrument ID	**: SV124**	**Ical Ref**	**: ICAL23181**
Calibration dates	**: 03/23/26 22:58 03/24/26 08:16**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
109)	T	Di-n-octylphthalate	1.529	1.350	1.353	1.389	1.474	1.532	1.623	1.636	1.671	1.641	1.520	8.14
110)	T	Benzo(b)fluoranthene	1.391	1.281	1.203	1.211	1.271	1.253	1.327	1.395	1.341	1.553	1.323	7.95
111)	T	Benzo(k)fluoranthene	1.518	1.335	1.351	1.326	1.419	1.251	1.373	1.322	1.213	1.399	1.351	6.35
112)	T	Benzo(a)pyrene	1.286	1.208	1.164	1.159	1.258	1.157	1.276	1.325	1.198	1.438	1.247	7.15
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	1.385	1.281	1.232	1.280	1.288	1.278	1.301	1.444	1.292	1.387	1.317	4.99
115)	T	Dibenzo[a,h]anthracene	1.162	1.044	1.022	1.009	1.048	1.038	1.063	1.158	1.045	1.113	1.070	5.10
116)	T	Benzo(g,h,i)perylene	1.194	1.082	1.056	1.083	1.083	1.060	1.061	1.187	1.037	1.120	1.096	4.96

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Instrument ID	: SV124	**Calibration Date**	: 05/20/26 01:27
Lab File ID	: ABN0519N	**Init. Calib. Date(s)**	: 03/23/26 03/24/26
Sample No	: WG2215844-3	**Init. Calib. Times**	: 22:58 08:16
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	108	0
n-Nitrosodimethylamine	0.659	0.702	-	-6.5	20	111	0
Pyridine	1.113	1.248	-	-12.1	20	112	0
2-Fluorophenol	1.053	1.132	-	-7.5	20	112	0
Aniline	1.766	1.951	-	-10.5	20	115	0
2-Chlorophenol	1.238	1.335	-	-7.8	20	114	0
Phenol-d6	1.195	1.34	-	-12.1	20	116	0
Phenol	1.414	1.65	-	-16.7	20	122	0
Bis(2-chloroethyl)ether	1.054	1.083	-	-2.8	20	112	0
1,3-Dichlorobenzene	1.505	1.539	-	-2.3	20	110	0
1,4-Dichlorobenzene	1.538	1.56	-	-1.4	20	111	0
1,2-Dichlorobenzene	1.489	1.528	-	-2.6	20	112	0
Benzyl alcohol	0.9	1.067	-	-18.6	20	114	0
Bis(2-chloroisopropyl)ethe	2.03	2.215	-	-9.1	20	117	0
2-Methylphenol	1.089	1.191	-	-9.4	20	115	0
Hexachloroethane	0.567	0.581	-	-2.5	20	112	0
n-Nitrosodi-n-propylamine	0.868	1.022	-	-17.7	20	119	0
3-Methylphenol/4-Methylphe	1.105	1.261	-	-14.1	20	116	0
Nitrobenzene-d5	1.252	1.4	-	-11.8	20	113	0
Nitrobenzene	1.216	1.335	-	-9.8	20	115	0
Isophorone	2.142	2.522	-	-17.7	20	118	0
2-Nitrophenol	0.62	0.766	-	-23.5*	20	120	0
2,4-Dimethylphenol	1.002	1.195	-	-19.3	20	118	0
Bis(2-chloroethoxy)methane	1.355	1.596	-	-17.8	20	118	0
2,4-Dichlorophenol	1.074	1.295	-	-20.6*	20	114	0
1,2,4-Trichlorobenzene	1.331	1.401	-	-5.3	20	109	0
IS1_Naphthalene-d8	1	1	-	0	20	112	0
Naphthalene	0.969	0.983	-	-1.4	20	115	0
Benzoic Acid	50	57.126	-	-14.3	20	143	0
4-Chloroaniline	0.398	0.444	-	-11.6	20	116	0
Hexachlorobutadiene	0.203	0.195	-	3.9	20	110	0
p-Chloro-m-cresol	0.278	0.311	-	-11.9	20	115	0
2-Methylnaphthalene	0.641	0.687	-	-7.2	20	119	0
1-Methylnaphthalene	0.664	0.706	-	-6.3	20	118	0
Hexachlorocyclopentadiene	0.264	0.254	-	3.8	20	102	0
2,4,6-Trichlorophenol	0.219	0.259	-	-18.3	20	117	0
2,4,5-Trichlorophenol	0.256	0.287	-	-12.1	20	115	0
2-Fluorobiphenyl	0.838	0.884	-	-5.5	20	115	0
2-Chloronaphthalene	0.667	0.705	-	-5.7	20	116	0
2-Nitroaniline	0.204	0.252	-	-23.5*	20	120	0
1,4-Dinitrobenzene	0.098	0.122	-	-24.5*	20	117	0
1,3-Dinitrobenzene	0.108	0.134	-	-24.1*	20	117	0
Dimethyl phthalate	0.79	0.89	-	-12.7	20	115	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Instrument ID	: SV124	**Calibration Date**	: 05/20/26 01:27
Lab File ID	: ABN0519N	**Init. Calib. Date(s)**	: 03/23/26 03/24/26
Sample No	: WG2215844-3	**Init. Calib. Times**	: 22:58 08:16
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.112	1.205	-	-8.4	20	115	0
2,6-Dinitrotoluene	0.159	0.185	-	-16.4	20	112	0
1,2-Dinitrobenzene	0.073	0.085	-	-16.4	20	115	0
IS1_Acenaphthene-d10	1	1	-	0	20	112	0
3-Nitroaniline	0.292	0.348	-	-19.2	20	117	0
Acenaphthene	1.014	1.041	-	-2.7	20	117	0
2,4-Dinitrophenol	50	55.032	-	-10.1	20	127	0
Dibenzofuran	1.73	1.798	-	-3.9	20	115	0
2,4-Dinitrotoluene	0.362	0.419	-	-15.7	20	115	0
4-Nitrophenol	50	51.988	-	-4	20	116	0
2,3,5,6-Tetrachlorophenol	0.342	0.396	-	-15.8	20	116	0
2,3,4,6-Tetrachlorophenol	0.335	0.378	-	-12.8	20	111	0
Diethyl phthalate	1.324	1.467	-	-10.8	20	114	0
Fluorene	1.303	1.379	-	-5.8	20	113	0
4-Chlorophenyl phenyl ethe	0.602	0.621	-	-3.2	20	111	0
4-Nitroaniline	0.291	0.345	-	-18.6	20	120	0
4,6-Dinitro-o-cresol	50	53.146	-	-6.3	20	116	0
NDPA/DPA	1.153	1.243	-	-7.8	20	114	0
Azobenzene	1.299	1.435	-	-10.5	20	117	0
2,4,6-Tribromophenol	0.238	0.254	-	-6.7	20	109	0
4-Bromophenyl phenyl ether	0.386	0.395	-	-2.3	20	108	0
Hexachlorobenzene	0.469	0.481	-	-2.6	20	110	0
Pentachlorophenol	50	50.974	-	-1.9	20	113	0
IS1_Phenanthrene-d10	1	1	-	0	20	104	0
Phenanthrene	1.038	1.096	-	-5.6	20	110	0
Anthracene	1.084	1.154	-	-6.5	20	109	0
Carbazole	1.015	1.13	-	-11.3	20	110	0
Di-n-butylphthalate	1.209	1.413	-	-16.9	20	115	0
Fluoranthene	1.179	1.26	-	-6.9	20	106	0
Benzidine	0.7	0.861	-	-23*	20	109	0
Pyrene	1.231	1.308	-	-6.3	20	105	0
4-Terphenyl-d14	1.051	1.014	-	3.5	20	104	0
Butyl benzyl phthalate	0.547	0.651	-	-19	20	111	0
IS1_Chrysene-d12	1	1	-	0	20	98	0
Benzo(a)anthracene	1.27	1.336	-	-5.2	20	103	0
3,3'-Dichlorobenzidine	0.501	0.563	-	-12.4	20	102	0
Chrysene	1.271	1.27	-	0.1	20	101	0
Bis(2-ethylhexyl)phthalate	0.898	1.053	-	-17.3	20	111	0
Di-n-octylphthalate	1.52	1.818	-	-19.6	20	110	0
Benzo(b)fluoranthene	1.323	1.376	-	-4	20	102	0
Benzo(k)fluoranthene	1.351	1.348	-	0.2	20	96	0
Benzo(a)pyrene	1.247	1.277	-	-2.4	20	98	0
IS1_Perylene-d12	1	1	-	0	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2629626		
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328		
Instrument ID	: SV124	**Calibration Date**	: 05/20/26 01:27		
Lab File ID	: ABN0519N	**Init. Calib. Date(s)**	: 03/23/26	03/24/26	
Sample No	: WG2215844-3	**Init. Calib. Times**	: 22:58	08:16	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.317	1.346	-	-2.2	20	97	0
Dibenzo(a,h)anthracene	1.07	1.079	-	-0.8	20	95	0
Benzo(ghi)perylene	1.096	1.064	-	2.9	20	94	0

* Value outside of QC limits.

PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
Pace Analytical Services SDG Number: L2629626

6 Soil Samples and 1 Field Duplicate
Collected May 14, 2026

Prepared by: Donald Anné
July 27, 2026

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recoveries for NFDHA were above QC limits (70-130%) 06-05-26 (SCI09_260605_38 and SCI09_260605_53). Positive results for NFDHA should be considered estimated (J) in associated samples.

Blanks: The analyses of the method, equipment, and field blanks reported target PFAS as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the soil samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target PFAS were below the allowable maximum and the percent recoveries were within QC limits for soil MS/MSD sample SOIL-108-13-15.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for soil samples WG2220230-2/3.

Field Duplicates: The relative percent difference for PFOS was below the allowable maximum (35%) for soil field duplicate pair SOIL-109-8-10/CHA-1 (attached table), as required.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

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Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2629626		
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328		
Instrument ID	: LCMS09	**Calibration Date**	: 06/05/26 10:53		
Lab File ID	: SCI09_260605_38	**Init. Calib. Date(s)**	: 03/24/26	03/24/26	
Sample No	: WG2223654-7	**Init. Calib. Times**	: 12:09	13:21	
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	20.448	20.000	102.2	70-130
Perfluoropentanoic Acid (PFPeA)	10.335	10.000	103.4	70-130
Perfluorobutanesulfonic Acid (PFBS)	4.330	4.435	97.5	70-130
Perfluorohexanoic Acid (PFHxA)	5.143	5.000	102.9	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	19.338	18.750	103.4	70-130
Perfluoropentanesulfonic Acid (PFPeS)	4.734	4.705	100.7	70-130
Perfluoroheptanoic Acid (PFHpA)	5.031	5.000	100.6	70-130
Perfluorohexanesulfonic Acid (PFHxS)	4.309	4.570	94.5	70-130
Perfluorooctanoic Acid (PFOA)	5.337	5.000	106.7	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	19.471	19.000	102.5	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	5.300	4.765	111.4	70-130
Perfluorononanoic Acid (PFNA)	3.983	5.000	79.7	70-130
Perfluorooctanesulfonic Acid (PFOS)	4.600	4.640	99.1	70-130
Perfluorodecanoic Acid (PFDA)	4.641	5.000	92.8	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	20.824	19.200	108.5	70-130
Perfluorononanesulfonic Acid (PFNS)	4.780	4.810	99.6	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	5.447	5.000	108.9	70-130
Perfluoroundecanoic Acid (PFUnA)	4.894	5.000	97.9	70-130
Perfluorodecanesulfonic Acid (PFDS)	5.153	4.825	106.9	70-130
Perfluorooctanesulfonamide (PFOSA)	5.184	5.000	103.7	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	5.372	5.000	107.4	70-130
Perfluorododecanoic Acid (PFDoA)	4.651	5.000	93	70-130
Perfluorotridecanoic Acid (PFTrDA)	5.343	5.000	106.9	70-130
Perfluorotetradecanoic Acid (PFTeDA)	4.604	5.000	92.1	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	22.326	20.000	111.6	70-130
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	15.279	18.900	80.8	70-130
Perfluorododecanesulfonic Acid (PFDoS)	5.001	4.850	103.3	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	19.277	18.700	103.1	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	19.040	18.900	100.7	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	5.009	5.000	100.2	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4.388	5.000	87.8	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	47.800	50.000	95.6	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	46.576	50.000	93.2	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	10.222	10.000	102.2	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	10.985	10.000	109.9	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	8.669	8.900	97.2	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	13.352	10.000	133.5*	70-130
PFPrA	24.301		121.5	
TFSI	6.580		67.1	
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	27.134	25.000	108.5	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	128.269	125.000	102.6	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	116.876	125.000	93.5	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	9.144	10.000	91.4	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Instrument ID	: LCMS09	**Calibration Date**	: 06/05/26 10:53
Lab File ID	: SCI09_260605_38	**Init. Calib. Date(s)**	: 03/24/26 03/24/26
Sample No	: WG2223654-7	**Init. Calib. Times**	: 12:09 13:21
Channel	:		

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	4.467	5.000	89.3	50-150
13C3-PFPrA	8.419		84.2	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.403	2.330	96.1	50-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	4.196	9.380	83.9	50-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	2.289	2.500	91.6	50-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	2.294	2.500	91.7	50-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	2.281	2.370	91.2	50-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	2.473	2.500	98.9	50-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	4.459	9.510	89.2	50-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	1.255	1.250	100.4	50-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	2.316	2.395	92.6	50-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	1.237	1.250	99	50-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	4.253	9.600	85.1	50-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	3.972	5.000	79.4	50-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	1.182	1.250	94.6	50-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	2.536	2.500	101.4	50-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	4.633	5.000	92.7	50-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	1.225	1.250	98	50-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	1.271	1.250	101.7	50-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	8.579	10.000	85.8	50-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	2.621	2.500	104.9	50-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	2.932	2.500	117.3	50-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	30.346	25.000	121.4	50-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	30.125	25.000	120.5	50-150
Perfluoro-[1,2-13C2]octanoic Acid (13C2-PFOA)	2.329	2.500	93.2	50-150
Perfluoro-n-[1,2-13C2]Hexanoic Acid (13C2-PFHxA)	2.545	2.500	101.8	50-150
Perfluoro-n-[1,2,3,4-13C4]Octanoic Acid (13C4-PFOA)	2.049	2.500	82	50-150
Perfluoro-n-[1,2,3,4-13C4]Octanesulfonic Acid (13C4-PFOS)	2.330	2.395	93.2	50-150
Perfluoro-n-[1,2-13C2]Decanoic Acid (13C2-PFDA)	1.129	1.250	90.3	50-150
Perfluoro-n-[2,3,4-13C3]Butanoic Acid (13C3-PFBA)	5.034	5.000	100.7	50-150
Perfluoro-n-[1,2,3,4,5-13C5]Nonanoic Acid (13C5-PFNA)	1.227	1.250	98.2	50-150
Perfluoro-1-hexane[18O2]Sulfonic Acid (18O2-PFHxS)	2.546	2.370	101.9	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2D4]Hexanesulfonic Acid (13C2D4-4:2FTS)	3.970	5.000	79.4	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2629626		
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328		
Instrument ID	: LCMS09	**Calibration Date**	: 06/05/26 13:09		
Lab File ID	: SCI09_260605_53	**Init. Calib. Date(s)**	: 03/24/26	03/24/26	
Sample No	: WG2223654-9	**Init. Calib. Times**	: 12:09	13:21	
Channel	:				

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	21.406	20.000	107	70-130
Perfluoropentanoic Acid (PFPeA)	10.950	10.000	109.5	70-130
Perfluorobutanesulfonic Acid (PFBS)	4.463	4.435	100.5	70-130
Perfluorohexanoic Acid (PFHxA)	5.414	5.000	108.3	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	19.992	18.750	106.9	70-130
Perfluoropentanesulfonic Acid (PFPeS)	4.280	4.705	91.1	70-130
Perfluoroheptanoic Acid (PFHpA)	4.808	5.000	96.2	70-130
Perfluorohexanesulfonic Acid (PFHxS)	4.309	4.570	94.5	70-130
Perfluorooctanoic Acid (PFOA)	5.610	5.000	112.2	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	20.850	19.000	109.7	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	5.147	4.765	108.1	70-130
Perfluorononanoic Acid (PFNA)	4.043	5.000	80.9	70-130
Perfluorooctanesulfonic Acid (PFOS)	4.503	4.640	97.1	70-130
Perfluorodecanoic Acid (PFDA)	5.290	5.000	105.8	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	20.418	19.200	106.3	70-130
Perfluorononanesulfonic Acid (PFNS)	4.703	4.810	98	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	5.657	5.000	113.1	70-130
Perfluoroundecanoic Acid (PFUnA)	4.618	5.000	92.4	70-130
Perfluorodecanesulfonic Acid (PFDS)	5.022	4.825	104.2	70-130
Perfluorooctanesulfonamide (PFOSA)	5.081	5.000	101.6	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	4.984	5.000	99.7	70-130
Perfluorododecanoic Acid (PFDoA)	4.843	5.000	96.9	70-130
Perfluorotridecanoic Acid (PFTrDA)	4.750	5.000	95	70-130
Perfluorotetradecanoic Acid (PFTeDA)	4.483	5.000	89.7	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)	23.198	20.000	116	70-130
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	16.452	18.900	87.1	70-130
Perfluorododecanesulfonic Acid (PFDoS)	5.287	4.850	109.2	70-130
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	18.148	18.700	97.1	70-130
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	18.022	18.900	95.4	70-130
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	4.958	5.000	99.2	70-130
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4.708	5.000	94.2	70-130
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	45.935	50.000	91.9	70-130
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	48.824	50.000	97.7	70-130
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	10.379	10.000	103.8	70-130
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	10.944	10.000	109.4	70-130
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	9.551	8.900	107.1	70-130
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	13.683	10.000	136.8*	70-130
PFPrA	23.621		118.1	
TFSI	7.042		71.9	
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	29.135	25.000	116.5	70-130
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	131.716	125.000	105.4	70-130
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	127.018	125.000	101.6	70-130
Perfluoro-n-[13C4]Butanoic Acid (13C4-PFBA)	8.774	10.000	87.7	50-150

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Instrument ID	: LCMS09	**Calibration Date**	: 06/05/26 13:09
Lab File ID	: SCI09_260605_53	**Init. Calib. Date(s)**	: 03/24/26 03/24/26
Sample No	: WG2223654-9	**Init. Calib. Times**	: 12:09 13:21
Channel	:		

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluoro-n-[13C5]Pentanoic Acid (13C5-PFPeA)	4.344	5.000	86.9	50-150
13C3-PFPrA	8.628		86.3	
Perfluoro-1-[2,3,4-13C3]Butanesulfonic Acid (13C3-PFBS)	2.542	2.330	101.7	50-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Hexanesulfonic Acid (13C2-4:2FTS)	4.469	9.380	89.4	50-150
Perfluoro-n-[1,2,3,4,6-13C5]Hexanoic Acid (13C5-PFHxA)	2.196	2.500	87.8	50-150
Perfluoro-n-[1,2,3,4-13C4]Heptanoic Acid (13C4-PFHpA)	2.394	2.500	95.8	50-150
Perfluoro-1-[1,2,3-13C3]Hexanesulfonic Acid (13C3-PFHxS)	2.557	2.370	102.3	50-150
Perfluoro-n-[13C8]Octanoic Acid (13C8-PFOA)	1.968	2.500	78.7	50-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Octanesulfonic Acid (13C2-6:2FTS)	4.737	9.510	94.7	50-150
Perfluoro-n-[13C9]Nonanoic Acid (13C9-PFNA)	1.257	1.250	100.5	50-150
Perfluoro-1-[13C8]Octanesulfonic Acid (13C8-PFOS)	2.314	2.395	92.5	50-150
Perfluoro-n-[1,2,3,4,5,6-13C6]Decanoic Acid (13C6-PFDA)	1.127	1.250	90.2	50-150
1H,1H,2H,2H-Perfluoro-1-[1,2-13C2]Decanesulfonic Acid (13C2-8:2FTS)	4.391	9.600	87.8	50-150
N-Methyl-d3-perfluoro-1-octanesulfonamidoacetic Acid (D3-NMeFOSAA)	3.912	5.000	78.2	50-150
Perfluoro-n-[1,2,3,4,5,6,7-13C7]Undecanoic Acid (13C7-PFUnA)	1.232	1.250	98.5	50-150
Perfluoro-1-[13C8]Octanesulfonamide (13C8-PFOSA)	2.633	2.500	105.3	50-150
N-Ethyl-d5-perfluoro-1-octanesulfonamidoacetic Acid (D5-NEtFOSAA)	4.822	5.000	96.4	50-150
Perfluoro-n-[1,2-13C2]Dodecanoic Acid (13C2-PFDoA)	1.221	1.250	97.7	50-150
Perfluoro-n-[1,2-13C2]Tetradecanoic Acid (13C2-PFTeDA)	1.272	1.250	101.7	50-150
Tetrafluoro-2-heptafluoropropoxy-[13C3]-propanoic acid (13C3-HFPO-DA)	8.497	10.000	85	50-150
N-Methyl-d3-Perfluoro-1-Octanesulfonamide (D3-NMeFOSA)	2.614	2.500	104.6	50-150
N-Ethyl-d5-Perfluoro-1-Octanesulfonamide (D5-NEtFOSA)	2.826	2.500	113	50-150
N-Methyl-d7-Perfluorooctanesulfonamidoethanol (D7-NMeFOSE)	30.932	25.000	123.7	50-150
N-Ethyl-d9-Perfluorooctanesulfonamidoethanol (D9-NEtFOSE)	27.798	25.000	111.2	50-150
Perfluoro-[1,2-13C2]octanoic Acid (13C2-PFOA)	1.994	2.500	79.8	50-150
Perfluoro-n-[1,2-13C2]Hexanoic Acid (13C2-PFHxA)	2.522	2.500	100.9	50-150
Perfluoro-n-[1,2,3,4-13C4]Octanoic Acid (13C4-PFOA)	2.548	2.500	101.9	50-150
Perfluoro-n-[1,2,3,4-13C4]Octanesulfonic Acid (13C4-PFOS)	2.369	2.395	94.8	50-150
Perfluoro-n-[1,2-13C2]Decanoic Acid (13C2-PFDA)	1.159	1.250	92.7	50-150
Perfluoro-n-[2,3,4-13C3]Butanoic Acid (13C3-PFBA)	4.976	5.000	99.5	50-150
Perfluoro-n-[1,2,3,4,5-13C5]Nonanoic Acid (13C5-PFNA)	1.170	1.250	93.6	50-150
Perfluoro-1-hexane[18O2]Sulfonic Acid (18O2-PFHxS)	2.364	2.370	94.6	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2D4]Hexanesulfonic Acid (13C2D4-4:2FTS)	4.226	5.000	84.5	50-150

* Value outside of QC limits.

Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of TAL Metals Data
for Pace Analytical Services
SDG Number: L2629626

7 Soil Samples and 1 Field Duplicate
Collected May 14, 2026

Prepared by: Donald Anné
July 27, 2026

Holding Times: The samples were analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for target metals were within control limits (90-110% for all metals except Hg, 80-120% for Hg).

Blanks: The analyses of initial and continuing calibration and method blanks reported target metals as either not detected or below the reporting limits, as required.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%) for the interference check sample.

Spike Sample Recovery: One of two percent recoveries for lead and zinc above control limits (75-125%) for soil MS/MSD sample SOIL-108-13-15. Positive results for lead and zinc should be considered estimated, biased high (J+) in associated soil samples.

Two of two %Rs for antimony were below control limits (75-125%), but not below 10% for soil MS/MSD sample SOIL-108-13-15. Positive results for antimony should be considered estimated, biased low (J-) and "not detected" results estimated (UJ) in associated soil samples.

Laboratory Duplicates: The relative percent differences for target metals were below the allowable maximum (20%) for soil MS/MSD sample SOIL-108-13-15, as required.

Field Duplicates: The relative percent differences for applicable metals were below the allowable maximum (35%) for soil field duplicate pair SOIL-109-8-10/CHA-1 (attached table), as required.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for soil samples WG2220738-2 and WG2220742-2.

Percent Solids: The % solids for soil samples were above 50%.

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Form 5a
Matrix Spike

Client	: CHA Companies	**Lab Number**	: L2629626
Project Name	: SYR GATEWAY APARTMENTS	**Project Number**	: 086328
Client Sample ID	: SOIL-108-13-15	**Matrix**	: SOIL
Lab Sample ID	: L2629626-04		
Matrix Spike	: WG2220738-3	**MS Analysis Date**	: 05/29/26 20:33
Matrix Spike Dup	: WG2220738-4	**MSD Analysis Date**	: 05/29/26 20:35

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (mg/kg)	Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R		Spike Added (mg/kg)	Spike Conc. (mg/kg)	%R		RPD	Recovery Limits	RPD Limit
Aluminum, Total	4720	171	5120	NA		171	5120	NA		0	75-125	20
Antimony, Total	ND	42.8	22.8	53	Q	42.7	22.3	52	Q	2	75-125	20
Arsenic, Total	3.21	10.3	14.9	114		10.2	14.7	112		1	75-125	20
Barium, Total	28.8	171	213	108		171	205	103		4	75-125	20
Beryllium, Total	0.236J	4.28	4.53	106		4.27	4.50	105		1	75-125	20
Cadmium, Total	ND	4.54	3.64	80		4.52	3.65	81		0	75-125	20
Calcium, Total	78000	856	84200	NA		854	79800	NA		5	75-125	20
Chromium, Total	7.87	17.1	26.2	107		17.1	25.4	103		3	75-125	20
Cobalt, Total	5.00	42.8	45.9	96		42.7	45.6	95		1	75-125	20
Copper, Total	15.6	21.4	39.3	111		21.3	38.9	109		1	75-125	20
Iron, Total	10500	85.6	10900	NA		85.4	10700	NA		2	75-125	20
Lead, Total	24.2	45.4	81.7	127	Q	45.2	78.8	121		4	75-125	20
Magnesium, Total	27700	856	29200	NA		854	28200	NA		3	75-125	20
Manganese, Total	376	42.8	386	NA		42.7	392	NA		2	75-125	20
Nickel, Total	11.7	42.8	53.3	97		42.7	53.1	97		0	75-125	20
Potassium, Total	642	856	1490	99		854	1460	96		2	75-125	20
Selenium, Total	0.343J	10.3	10.8	105		10.2	11.0	107		2	75-125	20
Silver, Total	ND	4.28	4.32	101		4.27	4.26	100		1	75-125	20
Sodium, Total	462	856	1450	115		854	1400	110		4	75-125	20
Thallium, Total	ND	10.3	9.44	92		10.2	9.16	89		3	75-125	20
Vanadium, Total	10.6	42.8	55.0	104		42.7	54.8	104		0	75-125	20
Zinc, Total	30.7	42.8	84.6	126	Q	42.7	79.0	113		7	75-125	20

NA - The sample concentration is greater than 4X the spiking level; therefore, the %R is not applicable.

Field Duplicate Calculation Section

EPA Method 1633 PFC

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2629626

S1= SOIL-109-8-10 **S2=** CHA-1

Analyte	S1	S2	RPD (%)
Perfluorohexanesulfonic Acid (PFHxS)	**0.079**	ND	NC
Perfluorooctanesulfonic Acid (PFOS)	0.286	0.29	1%

* RPD is above the allowable maximum 35%.

Results are in units of ng/L.

Bold numbers were values that 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.

TAL Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2629626

S1= SOIL-109-8-10 **S2=** CHA-1

Analyte	S1	S2	RPD (%)
aluminum	6130	5140	18%
antimony	ND	ND	NC
arsenic	2.93	2.56	13%
barium	49.3	46.6	6%
beryllium	**0.299**	**0.241**	NC
cadmium	ND	ND	NC
calcium	59600	61000	2%
chromium	10.4	8.26	23%
cobalt	5.85	5.03	15%
copper	15.4	13.3	15%
iron	14300	11400	23%
lead	6.59	7.23	9%
magnesium	20600	22300	8%
manganese	472	354	29%
mercury	ND	ND	NC
nickel	13.3	11.4	15%
potassium	925	779	17%
selenium	ND	ND	NC
silver	ND	ND	NC
sodium	182	158	14%
thallium	ND	ND	NC
vanadium	16	11.3	34%
zinc	29.6	27	9%

* RPD is above the allowable maximum 35%.

Results are in units of mg/Kg.

Bold numbers were values that are below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

L2630210

ALPHA GEOSCIENCE

Geology

Hydrology

Remediation

Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG: No: L2630210

2 Soil Vapor Samples
Collected May 15, 2026

Prepared by: Donald Anné
July 27, 2026

The data package contains the documentation 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 2 soil vapor samples analyzed for volatile compounds by method TO-15.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical method.

The data are acceptable with no issues that are identified in the accompanying data validation review. There were no data qualified as either estimated or rejected (R); therefore, all data are considered usable. Detailed information on data quality is included in the data validation review.

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Qualified Data Section

(No Data Qualified)

Results Summary
Form 1
Volatile Organics in Air

Client	: CHA Companies	**Lab Number**	: L2630210
Project Name	: SYR GATEWAY APTS	**Project Number**	: 086328
Lab ID	: L2630210-01	**Date Collected**	: 05/15/26 10:13
Client ID	: SV-101	**Date Received**	: 05/15/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/30/26 08:17
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: RAY
Lab File ID	: R1937656	**Instrument ID**	: AIRLAB19
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-71-8	Dichlorodifluoromethane	2.24	0.200	--	11.1	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	4.26	1.00	--	10.1	2.38	--	
75-69-4	Trichlorofluoromethane	0.236	0.200	--	1.33	1.12	--	
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.313	0.200	--	0.975	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	0.304	0.200	--	1.23	0.809	--	
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: CHA Companies	Lab Number	: L2630210
Project Name	: SYR GATEWAY APTS	Project Number	: 086328
Lab ID	: L2630210-01	Date Collected	: 05/15/26 10:13
Client ID	: SV-101	Date Received	: 05/15/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/30/26 08:17
Sample Matrix	: SOIL_VAPOR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: RAY
Lab File ID	: R1937656	Instrument ID	: AIRLAB19
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	3.68	0.200	--	20.1	1.09	--	
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	58.0	0.200	--	312	1.07	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.226	0.200	--	0.852	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	0.592	0.200	--	4.01	1.36	--	
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: CHA Companies	**Lab Number**	: L2630210
Project Name	: SYR GATEWAY APTS	**Project Number**	: 086328
Lab ID	: L2630210-01	**Date Collected**	: 05/15/26 10:13
Client ID	: SV-101	**Date Received**	: 05/15/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/30/26 08:17
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: RAY
Lab File ID	: R1937656	**Instrument ID**	: AIRLAB19
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: CHA Companies	**Lab Number**	: L2630210
Project Name	: SYR GATEWAY APTS	**Project Number**	: 086328
Lab ID	: L2630210-02	**Date Collected**	: 05/15/26 10:21
Client ID	: SV-102	**Date Received**	: 05/15/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/30/26 08:59
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: RAY
Lab File ID	: R1937657	**Instrument ID**	: AIRLAB19
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	1.20	0.200	--	5.93	0.989	--	
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	0.432	0.200	--	0.956	0.442	--	
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	7.27	1.00	--	17.3	2.38	--	
75-69-4	Trichlorofluoromethane	0.237	0.200	--	1.33	1.12	--	
67-63-0	Isopropanol	1.60	1.00	--	3.93	2.46	--	
75-35-4	1,1-Dichloroethene	13.7	0.200	--	54.3	0.793	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.970	0.200	--	3.02	0.623	--	
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	1.68	0.200	--	6.66	0.793	--	
75-34-3	1,1-Dichloroethane	20.2	0.200	--	81.8	0.809	--	
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	0.732	0.500	--	2.16	1.47	--	
156-59-2	cis-1,2-Dichloroethene	4.98	0.200	--	19.7	0.793	--	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	0.636	0.200	--	3.11	0.977	--	
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: CHA Companies	**Lab Number**	: L2630210
Project Name	: SYR GATEWAY APTS	**Project Number**	: 086328
Lab ID	: L2630210-02	**Date Collected**	: 05/15/26 10:21
Client ID	: SV-102	**Date Received**	: 05/15/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/30/26 08:59
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: RAY
Lab File ID	: R1937657	**Instrument ID**	: AIRLAB19
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.769	0.200	--	2.71	0.705	--	
71-55-6	1,1,1-Trichloroethane	18.8	0.200	--	103	1.09	--	
71-43-2	Benzene	0.392	0.200	--	1.25	0.639	--	
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	59.4	0.200	--	319	1.07	--	
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	0.848	0.200	--	3.48	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.371	0.200	--	1.40	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: CHA Companies	**Lab Number**	: L2630210
Project Name	: SYR GATEWAY APTS	**Project Number**	: 086328
Lab ID	: L2630210-02	**Date Collected**	: 05/15/26 10:21
Client ID	: SV-102	**Date Received**	: 05/15/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/30/26 08:59
Sample Matrix	: SOIL_VAPOR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: RAY
Lab File ID	: R1937657	**Instrument ID**	: AIRLAB19
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

TO-15

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method TO15 Volatiles Data
for Pace Analytical Services, SDG: No: L2630210

2 Soil Vapor Samples
Collected May 15, 2026

Prepared by: Donald Anné
July 27, 2026

Holding Times: The samples were analyzed within the EPA recommended holding times.

Cannister Pressure: The laboratory did report a residual vacuum (negative pressure) the samples, as required.

GC/MS Tuning and Mass Calibration: The BFB tuning criteria were within control limits.

Initial Calibration: 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 target compounds were above the allowable minimum (0.010), as required.

The %D for 1,2,4-trichlorobenzene was above the allowable maximum (30%) on 05-29-26 (R1937637). Positive results for 1,2,4-trichlorobenzene should be considered estimated (J) in associated samples.

Blanks: The analysis of the method blank reported target compounds as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Laboratory Control Sample: The percent recoveries for cis-dichloropropene and trans-dichloropropene were above QC limits for air/vapor sample WG22201862-3. Positive results for these compounds should be considered estimated, biased high (J+) in associated air/vapor samples.

Compound ID: Checked compound results were within GC quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

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Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: CHA Companies	**Lab Number**	: L2630210
Project Name	: SYR GATEWAY APTS	**Project Number**	: 086328
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2220862-3	**Analysis Date** : 05/29/26 17:38	**File ID** : r1937638
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
Dichlorodifluoromethane	10	11.4	114				-	70-130	-
Chloromethane	10	10.5	105				-	70-130	-
Freon-114	10	11.5	115				-	70-130	-
Vinyl chloride	10	11.0	110				-	70-130	-
1,3-Butadiene	10	11.2	112				-	70-130	-
Bromomethane	10	12.1	121				-	70-130	-
Chloroethane	10	10.2	102				-	70-130	-
Ethanol	50	42.1	84				-	40-160	-
Vinyl bromide	10	9.30	93				-	70-130	-
Acetone	50	50.9	102				-	40-160	-
Trichlorofluoromethane	10	11.8	118				-	70-130	-
Isopropanol	25	23.2	93				-	40-160	-
1,1-Dichloroethene	10	11.7	117				-	70-130	-
Tertiary butyl Alcohol	10	9.44	94				-	70-130	-
Methylene chloride	10	10.7	107				-	70-130	-
3-Chloropropene	10	11.7	117				-	70-130	-
Carbon disulfide	10	10.6	106				-	70-130	-
Freon-113	10	11.1	111				-	70-130	-
trans-1,2-Dichloroethene	10	11.0	110				-	70-130	-
1,1-Dichloroethane	10	10.7	107				-	70-130	-
Methyl tert butyl ether	10	11.6	116				-	70-130	-
2-Butanone	10	10.4	104				-	70-130	-
cis-1,2-Dichloroethene	10	11.2	112				-	70-130	-
Ethyl Acetate	10	10.7	107				-	70-130	-
Chloroform	10	11.3	113				-	70-130	-
Tetrahydrofuran	10	11.9	119				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: CHA Companies	**Lab Number**	: L2630210
Project Name	: SYR GATEWAY APTS	**Project Number**	: 086328
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2220862-3 **Analysis Date** : 05/29/26 17:38	**File ID**	: r1937638
LCSD Sample ID	: **Analysis Date** :	**File ID**	:

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,2-Dichloroethane	10	11.9	119				-	70-130	-
n-Hexane	10	11.1	111				-	70-130	-
1,1,1-Trichloroethane	10	11.6	116				-	70-130	-
Benzene	10	10.6	106				-	70-130	-
Carbon tetrachloride	10	12.0	120				-	70-130	-
Cyclohexane	10	11.1	111				-	70-130	-
1,2-Dichloropropane	10	10.7	107				-	70-130	-
Bromodichloromethane	10	11.4	114				-	70-130	-
1,4-Dioxane	10	10.5	105				-	70-130	-
Trichloroethene	10	10.8	108				-	70-130	-
2,2,4-Trimethylpentane	10	11.5	115				-	70-130	-
Heptane	10	11.7	117				-	70-130	-
cis-1,3-Dichloropropene	10	13.4	134 Q				-	70-130	-
4-Methyl-2-pentanone	10	11.6	116				-	70-130	-
trans-1,3-Dichloropropene	10	14.0	140 Q				-	70-130	-
1,1,2-Trichloroethane	10	10.7	107				-	70-130	-
Toluene	10	9.84	98				-	70-130	-
2-Hexanone	10	10.2	102				-	70-130	-
Dibromochloromethane	10	10.4	104				-	70-130	-
1,2-Dibromoethane	10	10.6	106				-	70-130	-
Tetrachloroethene	10	9.98	100				-	70-130	-
Chlorobenzene	10	9.84	98				-	70-130	-
Ethylbenzene	10	10.3	103				-	70-130	-
p/m-Xylene	20	21.4	107				-	70-130	-
Bromoform	10	10.0	100				-	70-130	-
Styrene	10	10.9	109				-	70-130	-

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: CHA Companies	**Lab Number**	: L2630210
Project Name	: SYR GATEWAY APTS	**Project Number**	: 086328
Matrix (Level)	: AIR (LOW)		
LCS Sample ID	: WG2220862-3	**Analysis Date** : 05/29/26 17:38	**File ID** : r1937638
LCSD Sample ID	:	**Analysis Date** :	**File ID** :

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ppbV)	Found (ppbV)	%R	True (ppbV)	Found (ppbV)	%R	RPD	Recovery Limits	RPD Limit
1,1,2,2-Tetrachloroethane	10	9.94	99				-	70-130	-
o-Xylene	10	10.8	108				-	70-130	-
4-Ethyltoluene	10	10.9	109				-	70-130	-
1,3,5-Trimethylbenzene	10	11.5	115				-	70-130	-
1,2,4-Trimethylbenzene	10	11.8	118				-	70-130	-
Benzyl chloride	10	9.29	93				-	70-130	-
1,3-Dichlorobenzene	10	10.4	104				-	70-130	-
1,4-Dichlorobenzene	10	10.3	103				-	70-130	-
1,2-Dichlorobenzene	10	10.3	103				-	70-130	-
1,2,4-Trichlorobenzene	10	10.9	109				-	70-130	-
Naphthalene	10	9.72	97				-	70-130	-
Hexachlorobutadiene	10	11.5	115				-	70-130	-

Calibration Verification Summary
Form 7
Air Volatiles

Client	: CHA Companies	**Lab Number**	: L2630210
Project Name	: SYR GATEWAY APTS	**Project Number**	: 086328
Instrument ID	: AIRLAB19	**Calibration Date**	: 05/29/26 16:54
Lab File ID	: R1937637	**Init. Calib. Date(s)**	: 05/24/26 05/25/26
Sample No	: WG2220862-2	**Init. Calib. Times**	: 22:37 03:36
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	92	.04
chlorodifluoromethane	0.93	0.912	-	1.9	30	93	.02
propylene	0.682	0.642	-	5.9	30	89	.01
propane	0.63	0.616	-	2.2	30	91	.02
dichlorodifluoromethane	1.207	1.317	-	-9.1	30	100	.02
chloromethane	0.564	0.593	-	-5.1	30	95	.02
Freon-114	1.079	1.174	-	-8.8	30	98	.02
methanol	0.213	0.211	-	0.9	30	94	.02
vinyl chloride	0.517	0.543	-	-5	30	96	.02
1,3-butadiene	0.433	0.425	-	1.8	30	94	.02
butane	0.808	0.823	-	-1.9	30	96	.02
bromomethane	0.387	0.405	-	-4.7	30	95	.02
chloroethane	0.282	0.268	-	5	30	95	.03
ethanol	0.439	0.413	-	5.9	30	96	.03
dichlorofluoromethane	1	0.899	-	10.1	30	97	.03
vinyl bromide	0.606	0.553	-	8.7	30	87	.03
acrolein	0.361	0.337	-	6.6	30	85	.03
acetone	1.062	1.036	-	2.4	30	89	.03
acetonitrile	0.795	0.875	-	-10.1	30	116	.03
trichlorofluoromethane	1.1	1.247	-	-13.4	30	100	.03
isopropyl alcohol	1.348	1.287	-	4.5	30	89	.03
acrylonitrile	0.638	0.61	-	4.4	30	87	.04
pentane	1.594	1.636	-	-2.6	30	91	.03
ethyl ether	1.004	1.005	-	-0.1	30	90	.03
1,1-dichloroethene	0.973	1.034	-	-6.3	30	94	.04
tertiary butyl alcohol	1.447	1.483	-	-2.5	30	91	.04
methylene chloride	0.894	0.877	-	1.9	30	90	.04
3-chloropropene	1.082	1.08	-	0.2	30	92	.04
carbon disulfide	2.002	1.925	-	3.8	30	90	.04
Freon 113	1.228	1.258	-	-2.4	30	92	.04
trans-1,2-dichloroethene	0.908	0.895	-	1.4	30	92	.03
1,1-dichloroethane	1.317	1.341	-	-1.8	30	92	.04
MTBE	1.743	1.768	-	-1.4	30	92	.03
vinyl acetate	1.839	1.858	-	-1	30	100	.04
2-butanone	1.629	1.59	-	2.4	30	89	.04
cis-1,2-dichloroethene	0.923	0.982	-	-6.4	30	93	.03
Ethyl Acetate	0.241	0.23	-	4.6	30	90	.03
chloroform	1.251	1.329	-	-6.2	30	95	.04
Tetrahydrofuran	0.868	0.85	-	2.1	30	88	.03
2,2-dichloropropane	1.046	1.151	-	-10	30	97	.03
1,2-dichloroethane	0.74	0.854	-	-15.4	30	99	.03
1,4-difluorobenzene	1	1	-	0	30	91	.04
hexane	0.459	0.456	-	0.7	30	90	.04

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: CHA Companies	**Lab Number**	: L2630210
Project Name	: SYR GATEWAY APTS	**Project Number**	: 086328
Instrument ID	: AIRLAB19	**Calibration Date**	: 05/29/26 16:54
Lab File ID	: R1937637	**Init. Calib. Date(s)**	: 05/24/26 05/25/26
Sample No	: WG2220862-2	**Init. Calib. Times**	: 22:37 03:36
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
diisopropyl ether	0.273	0.27	-	1.1	30	89	.04
tert-butyl ethyl ether	0.883	0.926	-	-4.9	30	91	.04
1,1,1-trichloroethane	0.43	0.471	-	-9.5	30	96	.04
1,1-dichloropropene	0.411	0.421	-	-2.4	30	91	.04
benzene	1.017	1.01	-	0.7	30	89	.04
carbon tetrachloride	0.382	0.43	-	-12.6	30	98	.04
cyclohexane	0.48	0.47	-	2.1	30	90	.04
tert-amyl methyl ether	0.852	0.881	-	-3.4	30	90	.04
dibromomethane	0.266	0.269	-	-1.1	30	92	.04
1,2-dichloropropane	0.349	0.349	-	0	30	89	.03
bromodichloromethane	0.477	0.48	-	-0.6	30	94	.04
1,4-dioxane	0.191	0.181	-	5.2	30	86	.04
trichloroethene	0.376	0.386	-	-2.7	30	91	.03
2,2,4-trimethylpentane	1.432	1.43	-	0.1	30	92	.04
methyl methacrylate	0.423	0.454	-	-7.3	30	91	.03
heptane	0.624	0.629	-	-0.8	30	89	.03
cis-1,3-dichloropropene	0.454	0.478	-	-5.3	30	91	.04
4-methyl-2-pentanone	0.745	0.76	-	-2	30	88	.04
trans-1,3-dichloropropene	0.32	0.339	-	-5.9	30	92	.04
1,1,2-trichloroethane	0.359	0.36	-	-0.3	30	90	.03
chlorobenzene-D5	1	1	-	0	30	97	.03
toluene	7.197	6.566	-	8.8	30	90	.03
1,3-dichloropropane	3.817	3.48	-	8.8	30	91	.03
2-hexanone	4.601	4.212	-	8.5	30	88	.03
dibromochloromethane	2.958	2.733	-	7.6	30	93	.03
1,2-dibromoethane	3.27	3.077	-	5.9	30	90	.03
butyl acetate	1.061	0.948	-	10.7	30	89	.02
octane	2.829	2.705	-	4.4	30	91	.02
tetrachloroethene	2.809	2.662	-	5.2	30	92	.03
1,1,1,2-tetrachloroethane	2.415	2.298	-	4.8	30	93	.03
chlorobenzene	5.869	5.495	-	6.4	30	90	.03
ethylbenzene	8.556	8.414	-	1.7	30	91	.03
m+p-xylene	6.882	6.942	-	-0.9	30	93	.02
bromoform	2.4	2.238	-	6.7	30	92	.02
styrene	5.547	5.642	-	-1.7	30	90	.02
1,1,2,2-tetrachloroethane	5.268	5.057	-	4	30	91	.03
o-xylene	6.679	6.847	-	-2.5	30	92	.03
1,2,3-trichloropropane	4.201	3.903	-	7.1	30	90	.02
nonane	6.132	6.159	-	-0.4	30	90	.02
isopropylbenzene	9.509	9.27	-	2.5	30	91	.02
bromobenzene	5.485	5.236	-	4.5	30	91	.03
2-chlorotoluene	2.577	2.467	-	4.3	30	91	.02
n-propylbenzene	3.035	2.993	-	1.4	30	90	.02

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: CHA Companies	**Lab Number**	: L2630210		
Project Name	: SYR GATEWAY APTS	**Project Number**	: 086328		
Instrument ID	: AIRLAB19	**Calibration Date**	: 05/29/26 16:54		
Lab File ID	: R1937637	**Init. Calib. Date(s)**	: 05/24/26	05/25/26	
Sample No	: WG2220862-2	**Init. Calib. Times**	: 22:37	03:36	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.572	2.562	-	0.4	30	92	.02
4-ethyl toluene	8.571	8.466	-	1.2	30	91	.02
1,3,5-trimethylbenzene	7.887	8.226	-	-4.3	30	92	.02
tert-butylbenzene	8.044	8.342	-	-3.7	30	93	.02
1,2,4-trimethylbenzene	7.559	8.231	-	-8.9	30	93	.03
decane	6.57	6.617	-	-0.7	30	91	.02
Benzyl Chloride	5.26	5.515	-	-4.8	30	100	.02
1,3-dichlorobenzene	4.676	4.812	-	-2.9	30	93	.03
1,4-dichlorobenzene	4.612	4.8	-	-4.1	30	93	.02
sec-butylbenzene	11.541	11.718	-	-1.5	30	92	.02
1,2,3-trimethylbenzene	7.926	8.313	-	-4.9	30	93	.02
p-isopropyltoluene	9.491	10.089	-	-6.3	30	93	.02
1,2-dichlorobenzene	4.516	4.592	-	-1.7	30	92	.02
n-butylbenzene	8.175	8.604	-	-5.2	30	96	.02
1,2-dibromo-3-chloropropan	2.261	2.51	-	-11	30	101	.03
undecane	6.843	7.553	-	-10.4	30	95	.02
dodecane	5.211	6.444	-	-23.7	30	98	.02
1,2,4-trichlorobenzene	2.586	3.506	-	-35.6*	30	102	.02
naphthalene	7.777	9.459	-	-21.6	30	95	.02
1,2,3-trichlorobenzene	2.349	2.962	-	-26.1	30	103	.03
hexachlorobutadiene	2.587	3.223	-	-24.6	30	105	.02

* Value outside of QC limits.

L2630380

ALPHA GEOSCIENCE

Geology

Hydrology

Remediation

Water Supply

Data Usability Summary Report for
Pace Analytical Services, SDG Number: L2630380

2 Ground Water Samples, 1 TCLP Sample, 1 Field Duplicate,
1 Field Blank, 1 Equipment Blank, and 1 Trip Blank
Collected May 18, 2026

Prepared by: Donald Anné
July 27, 2026

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 metal analyses for 2 ground water samples, 1 field duplicate, 1 equipment blank, 1 field blank, and 1 trip blank; the results for semi-volatile, SIM semi-volatile, 1,4-dioxane, PCBs, PFAS, and TAL metal analyses for 2 ground water samples, 1 field duplicate, 1 equipment blank, and 1 field blank; and the results of TCLP volatile, TCLP semi-volatile, TCLP pesticide, TCLP herbicide, TCLP metals, and PCBs analyses for 1 soil sample.

The overall performances of the analyses are acceptable. Pace Analytical Services did fulfill the requirements of the analytical methods except for ICP-MS data.

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 results for acetone were qualified as "not detected" (U) for samples MW-105, MW-106, and CHA-2 because the levels reported in the samples were not significantly greater than (more than 10 times) the highest associated blank level.

- The "not detected" volatile results for cyclohexane and methyl cyclohexane were qualified as "rejected, unusable" (R) for sample MW-105 because 2 of 2 percent recoveries for cyclohexane and methyl cyclohexane were below the QC limits and below 30% in the aqueous MS/MSD sample.

- The positive semi-volatile result for pyridine was qualified as "not detected" (U) for TCLP sample SOIL-WC because the level reported in the sample was not significantly greater than (more than 5 times) the highest associated blank level.

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- The positive semi-volatile result for benzaldehyde was qualified as "estimated" (J) for the equipment blank because the %D for benzaldehyde was above the allowable maximum in the associated continuing calibration verification sample.

- The positive SIM semi-volatile results for naphthalene were qualified as "not detected" (U) for samples MW-105, MW-106, CHA-2, and equipment blank because the levels reported in the samples were not significantly greater than (more than 5 times) the highest associated blank level.

- The positive SIM semi-volatile results for benzo(a)anthracene were qualified as "not detected" (U) for samples MW-105, field blank, and equipment because the levels reported in the samples were not significantly greater than (more than 5 times) the highest associated blank level.

- The positive SIM semi-volatile result for 2-methylnaphthalene was qualified as "not detected" (U) for sample MW-106 because the level reported in the sample was not significantly greater than (more than 5 times) the highest associated blank level.

- The positive metal result for selenium was qualified as estimated, biased high (J+) for sample MW-105 because the percent recovery for selenium was above control limits, but not above 150% in the associated initial calibration verification sample.

- The positive metal result for zinc was qualified as estimated, biased high (J+) for equipment blank because the percent recovery for zinc was above control limits, but not above 150% in the associated initial calibration verification sample.

- The positive metal results for aluminum, chromium, copper, iron, and nickel were qualified as "not detected" (U) for samples MW-105, MW-106, and CHA-2 because the levels reported in the samples were not significantly greater than (more than 5times) the highest associated blank level.

All data that are not qualified rejected (R) are considered usable with estimated (J+ or J) data associated with a higher level of quantitative uncertainty. Detailed information on data quality is included in the data validation reviews.

Qualified Data Section

Results Summary
Form 1
TCLP Volatiles by EPA 1311

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-07	**Date Collected**	: 05/18/26 16:00
Client ID	: SOIL-WC	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 14:36
Sample Matrix	: SOIL	**Dilution Factor**	: 10
Analytical Method	: 1,8260D	**Analyst**	: MCM
Lab File ID	: V16260527D16	**Instrument ID**	: VOA116
Sample Amount	: 1.0 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: 84
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
67-66-3	Chloroform	ND	7.5	2.2	U
56-23-5	Carbon tetrachloride	ND	5.0	1.3	U
127-18-4	Tetrachloroethene	ND	5.0	1.8	U
108-90-7	Chlorobenzene	ND	5.0	1.8	U
107-06-2	1,2-Dichloroethane	ND	5.0	1.3	U
71-43-2	Benzene	ND	5.0	1.6	U
75-01-4	Vinyl chloride	ND	10	0.71	U
75-35-4	1,1-Dichloroethene	ND	5.0	1.7	U
79-01-6	Trichloroethene	ND	5.0	1.8	U
106-46-7	1,4-Dichlorobenzene	ND	25	1.9	U
78-93-3	2-Butanone	ND	50	19.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 15:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A21	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-01	Date Collected	: 05/18/26 14:20
Client ID	: MW-105	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/29/26 15:28
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: GMT
Lab File ID	: V35260529A21	Instrument ID	: VOA135
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	9.0	0.50	0.18		
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	2.0	5.0	1.5	J	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	R
123-91-1	1,4-Dioxane	ND	250	61.	U	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 15:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A21	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L				
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**	
76-13-1	Freon-113	ND	2.5	0.70	U	
108-87-2	Methyl cyclohexane	ND	10	0.40	U	R

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 15:28
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A21	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 15:53
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A22	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	6.0	2.5	0.70	
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	0.74	0.50	0.13	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	2.9	0.50	0.17	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-02	Date Collected	: 05/18/26 12:30
Client ID	: MW-106	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/29/26 15:53
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: GMT
Lab File ID	: V35260529A22	Instrument ID	: VOA135
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	3.0	5.0	1.5	J	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 15:53
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A22	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 15:53
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A22	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 16:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A23	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	6.2	2.5	0.70	
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	0.79	0.50	0.13	
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	3.1	0.50	0.17	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-03	Date Collected	: 05/18/26 09:00
Client ID	: CHA-2	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/29/26 16:17
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: GMT
Lab File ID	: V35260529A23	Instrument ID	: VOA135
Sample Amount	: 10 ml	GC Column	: RTX-502.2
Level	: LOW	%Solids	: N/A
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

CAS NO.	Parameter	ug/L Results	RL	MDL	Qualifier	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U	
79-01-6	Trichloroethene	ND	0.50	0.18	U	
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U	
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U	
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U	
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U	
179601-23-1	p/m-Xylene	ND	2.5	0.70	U	
95-47-6	o-Xylene	ND	2.5	0.70	U	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U	
100-42-5	Styrene	ND	2.5	0.70	U	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U	
67-64-1	Acetone	4.0	5.0	1.5	J	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U	
78-93-3	2-Butanone	ND	5.0	1.9	U	
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U	
591-78-6	2-Hexanone	ND	5.0	1.0	U	
74-97-5	Bromochloromethane	ND	2.5	0.70	U	
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U	
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U	
98-82-8	Isopropylbenzene	ND	2.5	0.70	U	
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U	
79-20-9	Methyl Acetate	ND	2.0	0.23	U	
110-82-7	Cyclohexane	ND	10	0.27	U	
123-91-1	1,4-Dioxane	ND	250	61.	U	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 16:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A23	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 16:17
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A23	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-04	**Date Collected**	: 05/18/26 00:00
Client ID	: TRIP BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/01/26 10:34
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: VG260601A08	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-04	**Date Collected**	: 05/18/26 00:00
Client ID	: TRIP BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/01/26 10:34
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: VG260601A08	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	ND	5.0	1.5	U
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	ND	5.0	1.9	U
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-04	**Date Collected**	: 05/18/26 00:00
Client ID	: TRIP BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/01/26 10:34
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: VG260601A08	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-04	**Date Collected**	: 05/18/26 00:00
Client ID	: TRIP BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/01/26 10:34
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: VG260601A08	**Instrument ID**	: GONZO
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 16:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A24	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 16:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A24	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	6.2	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	2.2	5.0	1.9	J
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 16:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A24	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 16:41
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A24	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 17:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A25	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
75-09-2	Methylene chloride	ND	2.5	0.70	U
75-34-3	1,1-Dichloroethane	ND	2.5	0.70	U
67-66-3	Chloroform	ND	2.5	0.70	U
56-23-5	Carbon tetrachloride	ND	0.50	0.13	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.14	U
124-48-1	Dibromochloromethane	ND	0.50	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.5	0.50	U
127-18-4	Tetrachloroethene	ND	0.50	0.18	U
108-90-7	Chlorobenzene	ND	2.5	0.70	U
75-69-4	Trichlorofluoromethane	ND	2.5	0.70	U
107-06-2	1,2-Dichloroethane	ND	0.50	0.13	U
71-55-6	1,1,1-Trichloroethane	ND	2.5	0.70	U
75-27-4	Bromodichloromethane	ND	0.50	0.19	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	0.16	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.14	U
75-25-2	Bromoform	ND	2.0	0.65	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.16	U
108-88-3	Toluene	ND	2.5	0.70	U
100-41-4	Ethylbenzene	ND	2.5	0.70	U
74-87-3	Chloromethane	ND	2.5	0.70	U
74-83-9	Bromomethane	ND	2.5	0.70	U
75-01-4	Vinyl chloride	ND	1.0	0.07	U
75-00-3	Chloroethane	ND	2.5	0.70	U
75-35-4	1,1-Dichloroethene	ND	0.50	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 17:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A25	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
156-60-5	trans-1,2-Dichloroethene	ND	2.5	0.70	U
79-01-6	Trichloroethene	ND	0.50	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.70	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.70	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.70	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.17	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	2.5	0.70	U
156-59-2	cis-1,2-Dichloroethene	ND	2.5	0.70	U
100-42-5	Styrene	ND	2.5	0.70	U
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	U
67-64-1	Acetone	6.3	5.0	1.5	
75-15-0	Carbon disulfide	ND	5.0	1.0	U
78-93-3	2-Butanone	1.9	5.0	1.9	J
108-10-1	4-Methyl-2-pentanone	ND	5.0	1.0	U
591-78-6	2-Hexanone	ND	5.0	1.0	U
74-97-5	Bromochloromethane	ND	2.5	0.70	U
106-93-4	1,2-Dibromoethane	ND	2.0	0.65	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	2.5	0.70	U
98-82-8	Isopropylbenzene	ND	2.5	0.70	U
87-61-6	1,2,3-Trichlorobenzene	ND	2.5	0.70	U
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.70	U
79-20-9	Methyl Acetate	ND	2.0	0.23	U
110-82-7	Cyclohexane	ND	10	0.27	U
123-91-1	1,4-Dioxane	ND	250	61.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 17:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A25	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	: RTX-502.2
Level	: LOW	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
76-13-1	Freon-113	ND	2.5	0.70	U
108-87-2	Methyl cyclohexane	ND	10	0.40	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/29/26 17:06
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: GMT
Lab File ID	: V35260529A25	**Instrument ID**	: VOA135
Sample Amount	: 10 ml	**GC Column**	:
Level	:	**%Solids**	: N/A
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

Number TICS found: 0 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 16:47
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-01	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 16:47
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-01	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 16:47
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-01	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 16:47
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-01	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 4 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.38	24.3	J
	Unknown Alkane	10.69	4.8	J
	Unknown Alkane	11.08	4.1	J
	Total TIC Compounds		33.2J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 17:48
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-02	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 17:48
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-02	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 17:48
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-02	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 17:48
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-02	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 7 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.38	25.8	J
	Unknown Organic Acid	8.36	6.5	J
	Unknown Alkane	10.69	7.4	J
	Unknown Alkane	11.08	6.1	J
	Unknown Alkane	11.48	4.7	J
	Unknown Alkane	11.88	4.1	J
	Total TIC Compounds		54.6J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 18:09
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-03	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 18:09
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-03	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 18:09
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-03	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 18:09
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-03	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 5 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.38	31.5	J
	Unknown Alkane	10.69	5.9	J
	Unknown Alkane	11.08	5.6	J
	Unknown Alkane	11.48	4	J
	Total TIC Compounds		47.0J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 18:30
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-05	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 18:30
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-05	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
99-09-2	3-Nitroaniline	ND	5.0	1.2	U
100-01-6	4-Nitroaniline	ND	5.0	1.4	U
132-64-9	Dibenzofuran	ND	2.0	0.40	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U
98-86-2	Acetophenone	ND	5.0	0.92	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U
95-57-8	2-Chlorophenol	ND	2.0	0.65	U
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U
88-75-5	2-Nitrophenol	ND	10	2.0	U
100-02-7	4-Nitrophenol	ND	10	1.4	U
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U
108-95-2	Phenol	ND	5.0	0.35	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
86-74-8	Carbazole	ND	2.0	0.31	U
1912-24-9	Atrazine	ND	10	1.0	U
100-52-7	Benzaldehyde	ND	5.0	1.1	U
105-60-2	Caprolactam	ND	10	1.2	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 18:30
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-05	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/25/26 18:30
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-05	**Analyst**	: SMZ
Sample Amount	: 100 ml	**Instrument ID**	: DAKOTA
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 3 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.38	23.1	J
	Unknown Organic Acid	8.36	4.1	J
	Total TIC Compounds		27.2J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/26/26 21:20
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-06	**Analyst**	: CMM
Sample Amount	: 100 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
111-44-4	Bis(2-chloroethyl)ether	ND	2.0	0.39	U
91-94-1	3,3'-Dichlorobenzidine	ND	5.0	1.8	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
606-20-2	2,6-Dinitrotoluene	ND	5.0	0.84	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	2.0	0.39	U
101-55-3	4-Bromophenyl phenyl ether	ND	2.0	0.24	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	2.0	0.40	U
111-91-1	Bis(2-chloroethoxy)methane	ND	5.0	0.84	U
77-47-4	Hexachlorocyclopentadiene	ND	20	1.2	U
78-59-1	Isophorone	ND	5.0	0.86	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
86-30-6	NDPA/DPA	ND	2.0	0.92	U
621-64-7	n-Nitrosodi-n-propylamine	ND	5.0	0.91	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	3.0	1.4	U
85-68-7	Butyl benzyl phthalate	ND	5.0	2.6	U
84-74-2	Di-n-butylphthalate	ND	5.0	0.96	U
117-84-0	Di-n-octylphthalate	ND	5.0	2.3	U
84-66-2	Diethyl phthalate	ND	5.0	0.76	U
131-11-3	Dimethyl phthalate	ND	5.0	0.92	U
92-52-4	Biphenyl	ND	2.0	0.20	U
106-47-8	4-Chloroaniline	ND	5.0	0.47	U
88-74-4	2-Nitroaniline	ND	5.0	1.0	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-06	Date Collected	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/26/26 21:20
Sample Matrix	: WATER	Date Extracted	: 05/23/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 30380-06	Analyst	: CMM
Sample Amount	: 100 ml	Instrument ID	: SV107
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
99-09-2	3-Nitroaniline	ND	5.0	1.2	U	
100-01-6	4-Nitroaniline	ND	5.0	1.4	U	
132-64-9	Dibenzofuran	ND	2.0	0.40	U	
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	10	0.24	U	
98-86-2	Acetophenone	ND	5.0	0.92	U	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U	
59-50-7	p-Chloro-m-cresol	ND	2.0	0.61	U	
95-57-8	2-Chlorophenol	ND	2.0	0.65	U	
120-83-2	2,4-Dichlorophenol	ND	5.0	1.7	U	
105-67-9	2,4-Dimethylphenol	ND	5.0	2.0	U	
88-75-5	2-Nitrophenol	ND	10	2.0	U	
100-02-7	4-Nitrophenol	ND	10	1.4	U	
51-28-5	2,4-Dinitrophenol	ND	20	5.4	U	
534-52-1	4,6-Dinitro-o-cresol	ND	10	2.3	U	
108-95-2	Phenol	ND	5.0	0.35	U	
95-48-7	2-Methylphenol	ND	5.0	2.3	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U	
86-74-8	Carbazole	ND	2.0	0.31	U	
1912-24-9	Atrazine	ND	10	1.0	U	
100-52-7	Benzaldehyde	2.3	5.0	1.1	J	J
105-60-2	Caprolactam	ND	10	1.2	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/26/26 21:20
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-06	**Analyst**	: CMM
Sample Amount	: 100 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	5.0	2.2	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/26/26 21:20
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 30380-06	**Analyst**	: CMM
Sample Amount	: 100 ml	**Instrument ID**	: SV107
Extraction Method	: EPA 3510C	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 4 **Concentration Units: ug/L**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.79	34.9	J
	Unknown Organic Acid	9.61	4.6	J
	Unknown	14.76	4.1	J
	Total TIC Compounds		43.6J	J

Results Summary
Form 1
TCLP Semivolatiles by EPA 1311

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-07	Date Collected	: 05/18/26 16:00
Client ID	: SOIL-WC	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/27/26 12:18
Sample Matrix	: SOIL	Date Extracted	: 05/26/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 30380-07	Analyst	: LJG
Sample Amount	: 100 ml	Instrument ID	: SV112
Extraction Method	: EPA 3510C	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 84
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
118-74-1	Hexachlorobenzene	ND	2.0	0.45	U	
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U	
87-68-3	Hexachlorobutadiene	ND	2.0	0.36	U	
67-72-1	Hexachloroethane	ND	2.0	0.20	U	
98-95-3	Nitrobenzene	ND	2.0	0.20	U	
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U	
87-86-5	Pentachlorophenol	ND	10	2.5	U	
95-48-7	2-Methylphenol	ND	5.0	2.3	U	
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U	
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U	
110-86-1	Pyridine	1.0	3.5	0.31	J	U

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-01	Date Collected	: 05/18/26 14:20
Client ID	: MW-105	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/27/26 16:37
Sample Matrix	: WATER	Date Extracted	: 05/23/26
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 30380-01	Analyst	: CSN
Sample Amount	: 100 ml	Instrument ID	: SV118
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.02	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	ND	0.10	0.03	U	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.03	0.10	0.02	J	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.03	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	ND	0.10	0.03	U	
85-01-8	Phenanthrene	ND	0.10	0.04	U	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	ND	0.10	0.04	U	
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	
87-86-5	Pentachlorophenol	ND	0.80	0.06	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-02	Date Collected	: 05/18/26 12:30
Client ID	: MW-106	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/27/26 17:33
Sample Matrix	: WATER	Date Extracted	: 05/23/26
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 30380-02	Analyst	: CSN
Sample Amount	: 100 ml	Instrument ID	: SV118
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.02	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	ND	0.10	0.03	U	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.07	0.10	0.02	J	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U	
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	ND	0.10	0.03	U	
85-01-8	Phenanthrene	ND	0.10	0.04	U	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	ND	0.10	0.04	U	
91-57-6	2-Methylnaphthalene	0.12	0.10	0.03		U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-03	Date Collected	: 05/18/26 09:00
Client ID	: CHA-2	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/27/26 17:52
Sample Matrix	: WATER	Date Extracted	: 05/23/26
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 30380-03	Analyst	: CSN
Sample Amount	: 100 ml	Instrument ID	: SV118
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.02	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	ND	0.10	0.03	U	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.04	0.10	0.02	J	U
56-55-3	Benzo(a)anthracene	ND	0.10	0.03	U	
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	ND	0.10	0.03	U	
85-01-8	Phenanthrene	ND	0.10	0.04	U	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	ND	0.10	0.04	U	
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	
87-86-5	Pentachlorophenol	ND	0.80	0.06	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-05	Date Collected	: 05/18/26 11:10
Client ID	: FIELD BLANK	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/27/26 18:10
Sample Matrix	: WATER	Date Extracted	: 05/23/26
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 30380-05	Analyst	: CSN
Sample Amount	: 100 ml	Instrument ID	: SV118
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.02	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	0.08	0.10	0.03	J	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	ND	0.10	0.02	U	
56-55-3	Benzo(a)anthracene	0.06	0.10	0.03	J	U
50-32-8	Benzo(a)pyrene	0.03	0.10	0.02	J	
205-99-2	Benzo(b)fluoranthene	0.05	0.10	0.03	J	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	0.04	0.10	0.03	J	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	ND	0.10	0.03	U	
85-01-8	Phenanthrene	ND	0.10	0.04	U	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	0.06	0.10	0.04	J	
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U	
87-86-5	Pentachlorophenol	ND	0.80	0.06	U	
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-06	Date Collected	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 05/27/26 18:28
Sample Matrix	: WATER	Date Extracted	: 05/23/26
Analytical Method	: 1,8270E-SIM	Dilution Factor	: 1
Lab File ID	: 30380-06	Analyst	: CSN
Sample Amount	: 100 ml	Instrument ID	: SV118
Extraction Method	: EPA 3510C	GC Column	: RXI-5SilM
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/L				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
83-32-9	Acenaphthene	ND	0.10	0.02	U	
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U	
206-44-0	Fluoranthene	ND	0.10	0.03	U	
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U	
91-20-3	Naphthalene	0.06	0.10	0.02	J	U
56-55-3	Benzo(a)anthracene	0.03	0.10	0.03	J	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U	
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U	
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U	
218-01-9	Chrysene	ND	0.10	0.03	U	
208-96-8	Acenaphthylene	ND	0.10	0.02	U	
120-12-7	Anthracene	ND	0.10	0.02	U	
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U	
86-73-7	Fluorene	ND	0.10	0.03	U	
85-01-8	Phenanthrene	ND	0.10	0.04	U	
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U	
129-00-0	Pyrene	ND	0.10	0.04	U	
91-57-6	2-Methylnaphthalene	0.04	0.10	0.03	J	
87-86-5	Pentachlorophenol	ND	0.80	0.06	U	
118-74-1	Hexachlorobenzene	0.03	0.80	0.01	J	
67-72-1	Hexachloroethane	ND	0.80	0.02	U	

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/26/26 17:39
Sample Matrix	: WATER	**Date Extracted**	: 05/25/26
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: F505262619	**Analyst**	: DB
Sample Amount	: 250 ml	**Instrument ID**	: PAH5
Extraction Method	: EPA 3510C	**GC Column**	: RTX-5
Extract Volume	: 2500 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	ND	300	90.8	U

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/26/26 18:52
Sample Matrix	: WATER	**Date Extracted**	: 05/25/26
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: F505262622	**Analyst**	: DB
Sample Amount	: 270 ml	**Instrument ID**	: PAH5
Extraction Method	: EPA 3510C	**GC Column**	: RTX-5
Extract Volume	: 2500 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	112.	278	84.1	J

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/26/26 19:16
Sample Matrix	: WATER	**Date Extracted**	: 05/25/26
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: F505262623	**Analyst**	: DB
Sample Amount	: 270 ml	**Instrument ID**	: PAH5
Extraction Method	: EPA 3510C	**GC Column**	: RTX-5
Extract Volume	: 2500 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	99.4	278	84.1	J

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/26/26 19:40
Sample Matrix	: WATER	**Date Extracted**	: 05/25/26
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: F505262624	**Analyst**	: DB
Sample Amount	: 240 ml	**Instrument ID**	: PAH5
Extraction Method	: EPA 3510C	**GC Column**	: RTX-5
Extract Volume	: 2500 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	ND	312	94.6	U

Results Summary
Form 1
1,4 Dioxane by 8270E-SIM

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/26/26 20:04
Sample Matrix	: WATER	**Date Extracted**	: 05/25/26
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: F505262625	**Analyst**	: DB
Sample Amount	: 260 ml	**Instrument ID**	: PAH5
Extraction Method	: EPA 3510C	**GC Column**	: RTX-5
Extract Volume	: 2500 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
123-91-1	1,4-Dioxane	ND	288	87.3	U

Results Summary
Form 1
TCLP Pesticides by EPA 1311

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-07	**Date Collected**	: 05/18/26 16:00
Client ID	: SOIL-WC	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 16:59
Sample Matrix	: SOIL	**Date Extracted**	: 05/26/26
Analytical Method	: 1,8081B	**Dilution Factor**	: 1
Lab File ID	: 20260527b-28	**Analyst**	: PEG
Sample Amount	: 100 ml	**Instrument ID**	: PEST20
Extraction Method	: EPA 3510C	**GC Column**	: CLPPesticide
Extract Volume	: 1000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-89-9	Lindane	ND	0.100	0.005	U
76-44-8	Heptachlor	ND	0.100	0.005	U
1024-57-3	Heptachlor epoxide	ND	0.100	0.005	U
72-20-8	Endrin	ND	0.200	0.008	U
72-43-5	Methoxychlor	ND	1.00	0.014	U
8001-35-2	Toxaphene	ND	1.00	0.150	U
57-74-9	Chlordane	ND	1.00	0.098	U

Results Summary
Form 1
TCLP Herbicides by EPA 1311

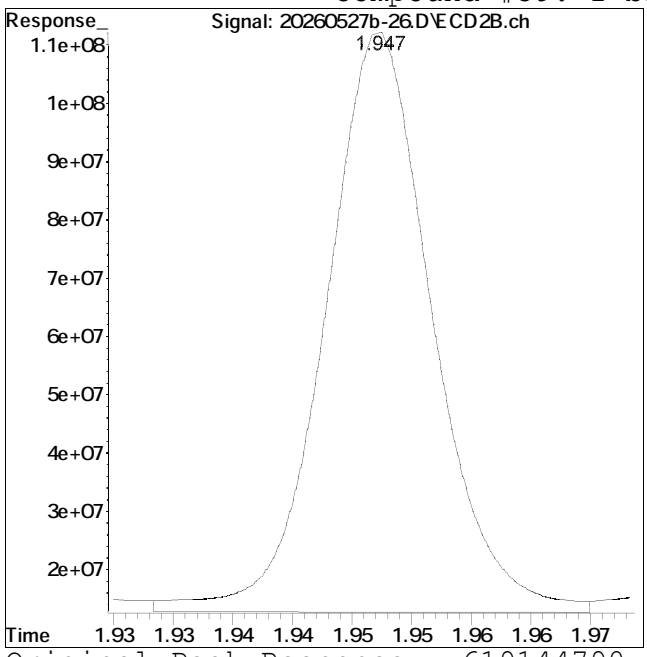
Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-07	**Date Collected**	: 05/18/26 16:00
Client ID	: SOIL-WC	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/27/26 11:45
Sample Matrix	: SOIL	**Date Extracted**	: 05/26/26
Analytical Method	: 1,8151A	**Dilution Factor**	: 1
Lab File ID	: 15260524a-148	**Analyst**	: DLP
Sample Amount	: 200 ml	**Instrument ID**	: PEST15
Extraction Method	: EPA 8151A	**GC Column**	: STX-CLP1
Extract Volume	: 5000 uL	**%Solids**	: 84
GPC Cleanup	: N	**Injection Volume**	: 1 uL
Sulfur Cleanup	: N		

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
94-75-7	2,4-D	ND	0.025	0.001	U
93-72-1	2,4,5-TP (Silvex)	ND	0.005	0.001	U

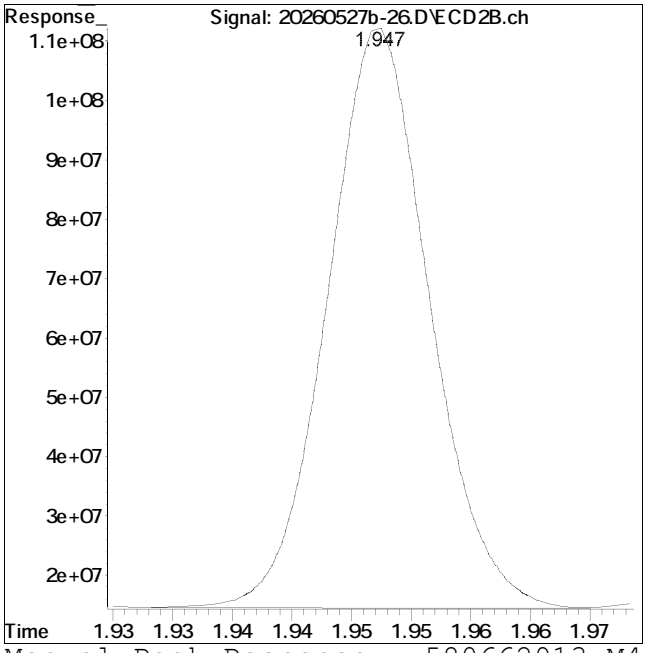
Manual Integration Report

Data Path : I:\PEST\Pest20\2026\260527QMethod : pest20_2026_04_23_ugL_IC
Data File : 20260527b-26.D Operator : pest20:dlp
Date Inj'd : 5/27/2026 16:34 Instrument : PEST 20
Sample : WG2218992-3,42,, 992 t Quant Date : 6/1/2026 12:50 pm

Compound #39: 1-br-2-nb Pesticides #2



Original Peak Response = 619144790



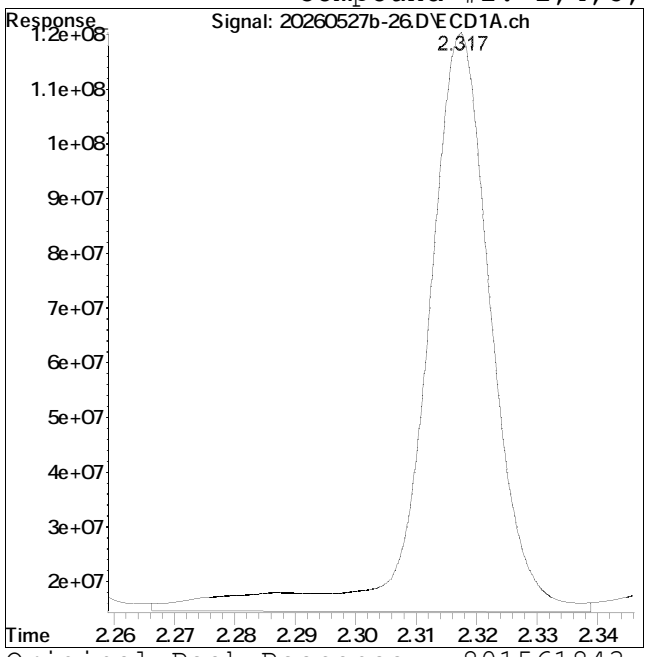
Manual Peak Response = 580662913 M4

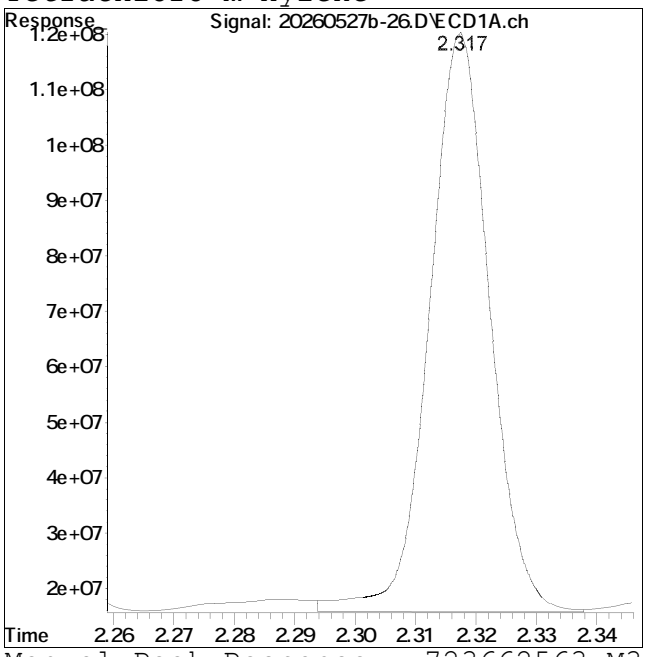
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : I:\PEST\Pest20\2026\260527QMethod : pest20_2026_04_23_ugL_IC
Data File : 20260527b-26.D Operator : pest20:dlp
Date Inj'd : 5/27/2026 16:34 Instrument : PEST 20
Sample : WG2218992-3,42,, 992 t Quant Date : 6/1/2026 12:50 pm

Compound #2: 2,4,5,6-Tetrachloro-m-xylene





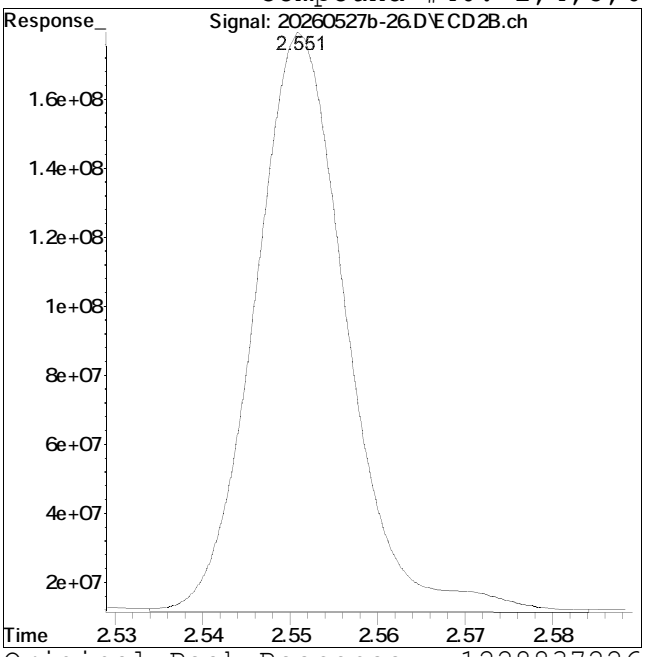
Original Peak Response = 801561843 Manual Peak Response = 723662563 M3

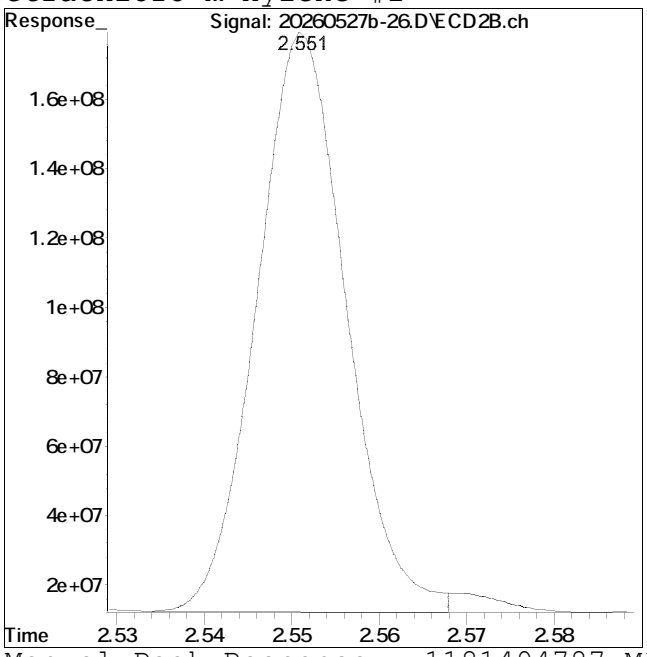
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PEST\Pest20\2026\260527QMethod : pest20_2026_04_23_ugL_IC
Data File : 20260527b-26.D Operator : pest20:dlp
Date Inj'd : 5/27/2026 16:34 Instrument : PEST 20
Sample : WG2218992-3,42,, 992 t Quant Date : 6/1/2026 12:50 pm

Compound #40: 2,4,5,6-Tetrachloro-m-xylene #2



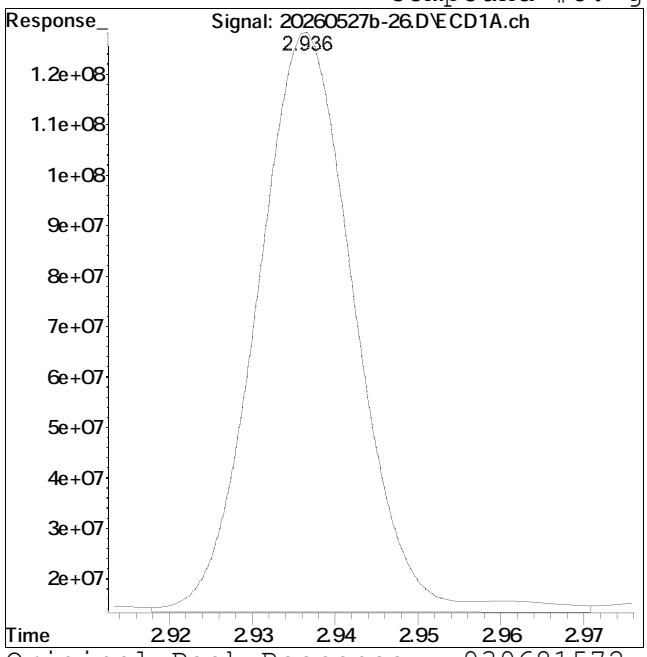


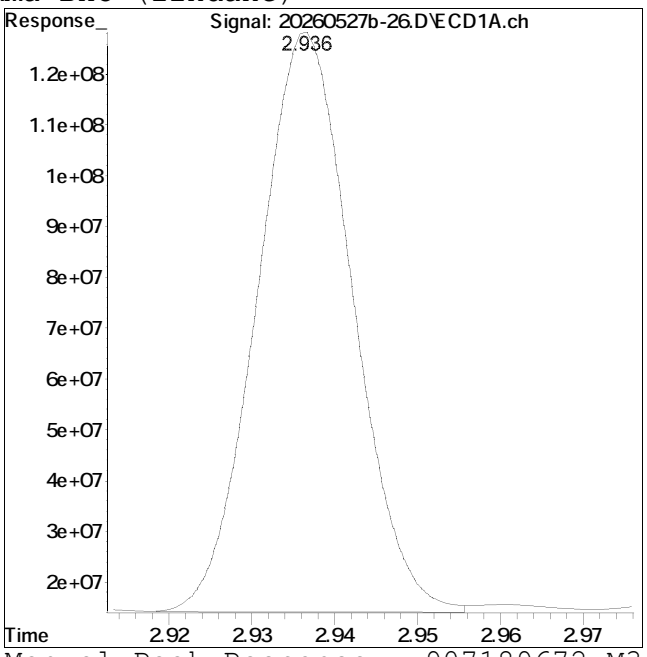
Original Peak Response = 1228837226 Manual Peak Response = 1181494787 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PEST\Pest20\2026\260527QMethod : pest20_2026_04_23_ugL_IC
Data File : 20260527b-26.D Operator : pest20:dlp
Date Inj'd : 5/27/2026 16:34 Instrument : PEST 20
Sample : WG2218992-3,42,, 992 t Quant Date : 6/1/2026 12:50 pm

Compound #5: gamma-BHC (lindane)



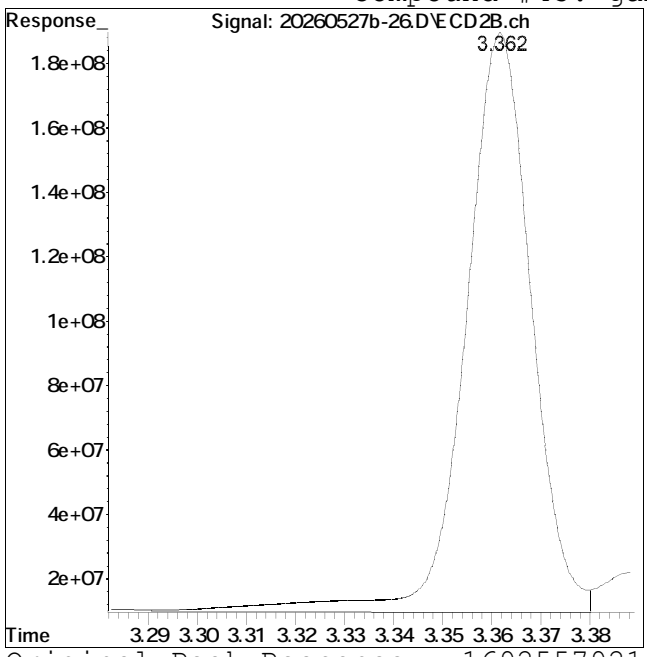


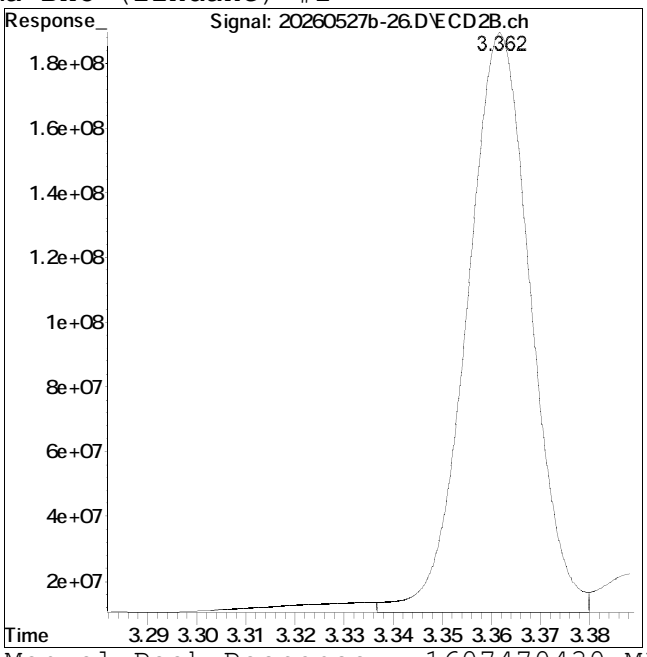
Original Peak Response = 939681572 Manual Peak Response = 907189672 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\PEST\Pest20\2026\260527QMethod : pest20_2026_04_23_ugL_IC
Data File : 20260527b-26.D Operator : pest20:dlp
Date Inj'd : 5/27/2026 16:34 Instrument : PEST 20
Sample : WG2218992-3,42,, 992 t Quant Date : 6/1/2026 12:50 pm

Compound #43: gamma-BHC (lindane) #2



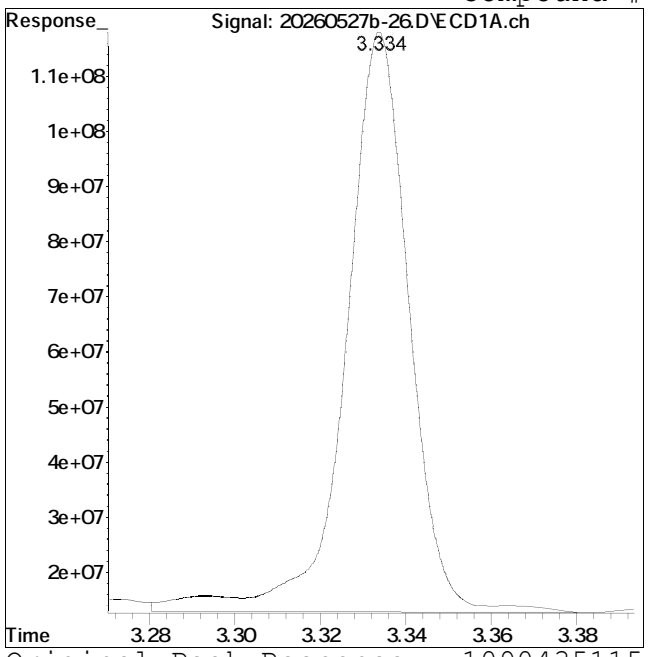


Original Peak Response = 1692557921 Manual Peak Response = 1607470430 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

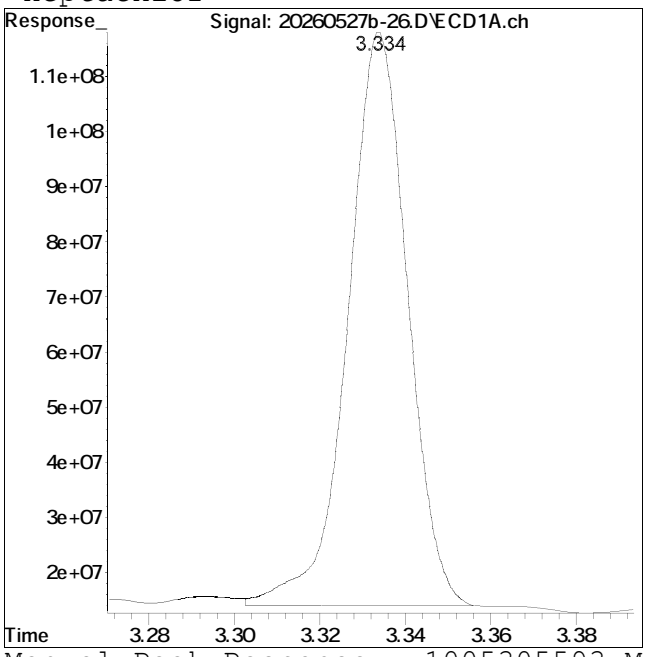
Manual Integration Report

Data Path : I:\PEST\Pest20\2026\260527QMethod : pest20_2026_04_23_ugL_IC
Data File : 20260527b-26.D Operator : pest20:dlp
Date Inj'd : 5/27/2026 16:34 Instrument : PEST 20
Sample : WG2218992-3,42,, 992 t Quant Date : 6/1/2026 12:50 pm

Compound #8: Heptachlor



Original Peak Response = 1090435115



Manual Peak Response = 1005305593 M4

M4 = Poor automated baseline construction.

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 17:05
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_55	**Analyst**	: AC
Sample Amount	: 272.48 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	5.99	5.87	3.93	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	3.23	2.94	0.587	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.32	1.47	0.470	J
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.87	1.36	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	2.76	1.47	1.20	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.47	0.338	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	2.07	1.47	0.455	
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	1.17	1.47	0.646	J
335-67-1	Perfluorooctanoic Acid (PFOA)	6.06	1.47	0.367	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.87	3.52	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.47	0.455	U
375-95-1	Perfluorononanoic Acid (PFNA)	0.367	1.47	0.235	J
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	6.24	1.47	1.13	
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.47	0.382	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.87	2.80	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.47	0.484	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.47	1.06	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.47	0.646	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 17:05
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_55	**Analyst**	: AC
Sample Amount	: 272.48 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.47	0.690	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.47	0.837	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.47	0.675	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.47	0.734	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.47	0.675	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.47	1.07	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.87	0.866	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.87	1.14	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.47	0.690	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.87	1.14	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.87	2.91	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.47	0.572	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.47	0.426	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.7	1.56	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 17:05
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_55	**Analyst**	: AC
Sample Amount	: 272.48 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.7	1.32	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.94	0.132	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.94	0.763	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	2.94	0.367	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.94	0.866	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.34	1.89	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	36.7	10.5	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	36.7	11.1	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 17:32
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_58	**Analyst**	: AC
Sample Amount	: 279.58 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	6.67	5.72	3.83	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	3.70	2.86	0.572	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.93	1.43	0.458	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.72	1.33	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	2.19	1.43	1.17	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.43	0.329	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.887	1.43	0.444	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.658	1.43	0.630	JF
335-67-1	Perfluorooctanoic Acid (PFOA)	2.79	1.43	0.358	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.72	3.43	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.43	0.444	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.43	0.229	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.32	1.43	1.10	JF
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.43	0.372	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.72	2.73	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.43	0.472	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.43	1.03	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.43	0.630	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 17:32
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_58	**Analyst**	: AC
Sample Amount	: 279.58 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.43	0.672	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.43	0.816	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.43	0.658	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.43	0.715	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.43	0.658	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.43	1.04	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.72	0.844	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.72	1.12	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.43	0.672	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.72	1.12	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.72	2.83	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.43	0.558	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.43	0.415	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.3	1.52	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 17:32
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_58	**Analyst**	: AC
Sample Amount	: 279.58 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.3	1.29	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.86	0.129	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.86	0.744	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	2.86	0.358	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.86	0.844	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.15	1.84	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	35.8	10.3	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	35.8	10.8	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 18:07
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_61	**Analyst**	: AC
Sample Amount	: 272.94 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	7.11	5.86	3.93	
2706-90-3	Perfluoropentanoic Acid (PFPeA)	3.66	2.93	0.586	
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	1.89	1.46	0.469	
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.86	1.36	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	2.23	1.46	1.20	
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.46	0.337	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	0.806	1.46	0.454	J
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	0.718	1.46	0.645	J
335-67-1	Perfluorooctanoic Acid (PFOA)	2.56	1.46	0.366	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.86	3.52	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.46	0.454	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.46	0.234	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	1.30	1.46	1.13	JF
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.46	0.381	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.86	2.80	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.46	0.484	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.46	1.06	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.46	0.645	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 18:07
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_61	**Analyst**	: AC
Sample Amount	: 272.94 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.46	0.689	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.46	0.835	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.46	0.674	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.46	0.733	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.46	0.674	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.46	1.07	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.86	0.865	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.86	1.14	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.46	0.689	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.86	1.14	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.86	2.90	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.46	0.572	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.46	0.425	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.6	1.55	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 18:07
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_61	**Analyst**	: AC
Sample Amount	: 272.94 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.6	1.32	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.93	0.132	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.93	0.762	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	2.93	0.366	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.93	0.865	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.33	1.89	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	36.6	10.5	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	36.6	11.1	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 18:16
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_62	**Analyst**	: AC
Sample Amount	: 255.05 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	6.27	4.20	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	3.14	0.627	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.57	0.502	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	6.27	1.46	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.57	1.29	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.57	0.361	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.57	0.486	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.57	0.690	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.57	0.392	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	6.27	3.76	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.57	0.486	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.57	0.251	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.57	1.21	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.57	0.408	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	6.27	3.00	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.57	0.518	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.57	1.13	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.57	0.690	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 18:16
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_62	**Analyst**	: AC
Sample Amount	: 255.05 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.57	0.737	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.57	0.894	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.57	0.721	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.57	0.784	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.57	0.721	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.57	1.14	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	6.27	0.925	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	6.27	1.22	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.57	0.737	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	6.27	1.22	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	6.27	3.10	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.57	0.612	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.57	0.455	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	15.7	1.66	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 18:16
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_62	**Analyst**	: AC
Sample Amount	: 255.05 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	15.7	1.41	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	3.14	0.141	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	3.14	0.816	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	3.14	0.392	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	3.14	0.925	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.84	2.02	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	39.2	11.3	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	39.2	11.8	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 18:25
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_63	**Analyst**	: AC
Sample Amount	: 275.58 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	5.80	3.89	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.90	0.580	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.45	0.464	U
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	5.80	1.35	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.45	1.19	U
2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	ND	1.45	0.334	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.45	0.450	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.45	0.639	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.45	0.363	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	5.80	3.48	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.45	0.450	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.45	0.232	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.45	1.12	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.45	0.377	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	5.80	2.77	U
68259-12-1	Perfluorononanesulfonic Acid (PFNS)	ND	1.45	0.479	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoaceti c Acid (NMeFOSAA)	ND	1.45	1.04	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.45	0.639	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 18:25
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_63	**Analyst**	: AC
Sample Amount	: 275.58 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.45	0.682	U
754-91-6	Perfluorooctanesulfonamide (PFOSA)	ND	1.45	0.827	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.45	0.668	U
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.45	0.726	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.45	0.668	U
376-06-7	Perfluorotetradecanoic Acid (PFTeDA)	ND	1.45	1.06	U
13252-13-6	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	ND	5.80	0.856	U
919005-14-4	4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	ND	5.80	1.13	U
79780-39-5	Perfluorododecanesulfonic Acid (PFDoS)	ND	1.45	0.682	U
756426-58-1	9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	ND	5.80	1.13	U
763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	ND	5.80	2.87	U
31506-32-8	N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	ND	1.45	0.566	U
4151-50-2	N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	ND	1.45	0.421	U
24448-09-7	N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	ND	14.5	1.54	U

Results Summary
Form 1
Perfluorinated Alkyl Acids by EPA 1633

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/10/26 18:25
Sample Matrix	: WATER	**Date Extracted**	: 06/01/26
Analytical Method	: 168,1633A	**Dilution Factor**	: 1
Lab File ID	: SCI13_260610_63	**Analyst**	: AC
Sample Amount	: 275.58 g	**Instrument ID**	: LCMS13
Extraction Method	: EPA 1633	**GC Column**	: Acquity UPLC BEH C18
Extract Volume	: 4000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 3 uL

		ng/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
1691-99-2	N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	ND	14.5	1.31	U
377-73-1	Perfluoro-3-Methoxypropanoic Acid (PFMPA)	ND	2.90	0.131	U
863090-89-5	Perfluoro-4-Methoxybutanoic Acid (PFMBA)	ND	2.90	0.755	U
113507-82-7	Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	ND	2.90	0.363	U
151772-58-6	Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	ND	2.90	0.856	U
356-02-5	3-Perfluoropropyl Propanoic Acid (3: 3FTCA)	ND	7.26	1.87	U
914637-49-3	2H,2H,3H,3H-Perfluorooctanoic Acid (5: 3FTCA)	ND	36.3	10.4	U
812-70-4	3-Perfluoroheptyl Propanoic Acid (7: 3FTCA)	ND	36.3	11.0	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-07	**Date Collected**	: 05/18/26 16:00
Client ID	: SOIL-WC	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/26/26 11:56
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,6010D	**Analyst**	: ZPC
Lab File ID	: WG2218526.pdf	**Instrument ID**	: TRACE9
Sample Amount	: 5ml	**%Solids**	: 84
Digestion Method	: EPA 3015	**Date Digested**	: 05/26/26
		Date Extracted	: 05/25/26

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-38-2	Arsenic, TCLP	ND	1.00	0.0190	U
7440-39-3	Barium, TCLP	0.648	0.500	0.0210	
7440-43-9	Cadmium, TCLP	ND	0.100	0.0100	U
7440-47-3	Chromium, TCLP	ND	0.200	0.0210	U
7439-92-1	Lead, TCLP	ND	0.500	0.0270	U
7782-49-2	Selenium, TCLP	ND	0.500	0.0350	U
7440-22-4	Silver, TCLP	ND	0.100	0.0280	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/03/26 11:00
Sample Matrix	: WATER	**Dilution Factor**	: 100
Analytical Method	: 1,6020B	**Analyst**	: DHL
Lab File ID	: WG2222516.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 05/31/26

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-23-5	Sodium, Total	692.	50.0	2.93	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-01	Date Collected	: 05/18/26 14:20
Client ID	: MW-105	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 06/03/26 09:19
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2222516.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/31/26

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	0.0179	0.0100	0.00327		U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U	
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U	
7440-39-3	Barium, Total	0.1458	0.00050	0.00017		
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	201.	0.100	0.0394		
7440-47-3	Chromium, Total	0.00031	0.00100	0.00017	J	U
7440-48-4	Cobalt, Total	0.00046	0.00050	0.00016	J	
7440-50-8	Copper, Total	0.00165	0.00100	0.00038		U
7439-89-6	Iron, Total	0.0398	0.0500	0.0191	J	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Total	40.0	0.0700	0.0242		
7439-96-5	Manganese, Total	0.1190	0.00100	0.00044		
7440-02-0	Nickel, Total	0.00093	0.00200	0.00055	J	U
7440-09-7	Potassium, Total	29.4	0.100	0.0309		
7782-49-2	Selenium, Total	0.00375	0.00500	0.00173	J	J+
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-02	Date Collected	: 05/18/26 12:30
Client ID	: MW-106	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 06/03/26 18:36
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2222516.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/31/26

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	0.0592	0.0100	0.00327		U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U	
7440-38-2	Arsenic, Total	0.00031	0.00050	0.00016	J	
7440-39-3	Barium, Total	0.1453	0.00050	0.00017		
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	187.	0.100	0.0394		
7440-47-3	Chromium, Total	0.00095	0.00100	0.00017	J	U
7440-48-4	Cobalt, Total	0.00161	0.00050	0.00016		
7440-50-8	Copper, Total	0.00099	0.00100	0.00038	J	U
7439-89-6	Iron, Total	0.174	0.0500	0.0191		U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Total	33.2	0.0700	0.0242		
7439-96-5	Manganese, Total	0.2655	0.00100	0.00044		
7440-02-0	Nickel, Total	0.00286	0.00200	0.00055		U
7440-09-7	Potassium, Total	16.2	0.100	0.0309		
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U	

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/03/26 19:27
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,6020B	**Analyst**	: DHL
Lab File ID	: WG2222516.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 05/31/26

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-23-5	Sodium, Total	423.	5.00	0.293	

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-03	Date Collected	: 05/18/26 09:00
Client ID	: CHA-2	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 06/03/26 18:40
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2222516.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/31/26

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	0.0547	0.0100	0.00327		U
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U	
7440-38-2	Arsenic, Total	0.00033	0.00050	0.00016	J	
7440-39-3	Barium, Total	0.1450	0.00050	0.00017		
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	190.	0.100	0.0394		
7440-47-3	Chromium, Total	0.00117	0.00100	0.00017		U
7440-48-4	Cobalt, Total	0.00156	0.00050	0.00016		
7440-50-8	Copper, Total	0.00086	0.00100	0.00038	J	U
7439-89-6	Iron, Total	0.147	0.0500	0.0191		U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U	
7439-95-4	Magnesium, Total	35.7	0.0700	0.0242		
7439-96-5	Manganese, Total	0.2552	0.00100	0.00044		
7440-02-0	Nickel, Total	0.00287	0.00200	0.00055		U
7440-09-7	Potassium, Total	16.3	0.100	0.0309		
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U	

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/03/26 19:31
Sample Matrix	: WATER	**Dilution Factor**	: 10
Analytical Method	: 1,6020B	**Analyst**	: DHL
Lab File ID	: WG2222516.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 05/31/26

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7440-23-5	Sodium, Total	448.	5.00	0.293	

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/03/26 18:54
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,6020B	**Analyst**	: DHL
Lab File ID	: WG2222516.pdf	**Instrument ID**	: ICPMSQ2
Sample Amount	: 50ml	**%Solids**	: N/A
Digestion Method	: EPA 3005A	**Date Digested**	: 05/31/26

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7429-90-5	Aluminum, Total	0.00733	0.0100	0.00327	J
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U
7440-38-2	Arsenic, Total	ND	0.00050	0.00016	U
7440-39-3	Barium, Total	0.00022	0.00050	0.00017	J
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U
7440-70-2	Calcium, Total	0.128	0.100	0.0394	
7440-47-3	Chromium, Total	ND	0.00100	0.00017	U
7440-48-4	Cobalt, Total	ND	0.00050	0.00016	U
7440-50-8	Copper, Total	0.00500	0.00100	0.00038	
7439-89-6	Iron, Total	ND	0.0500	0.0191	U
7439-92-1	Lead, Total	ND	0.00100	0.00034	U
7439-95-4	Magnesium, Total	ND	0.0700	0.0242	U
7439-96-5	Manganese, Total	ND	0.00100	0.00044	U
7440-02-0	Nickel, Total	ND	0.00200	0.00055	U
7440-09-7	Potassium, Total	ND	0.100	0.0309	U
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U
7440-22-4	Silver, Total	ND	0.00040	0.00016	U
7440-23-5	Sodium, Total	0.200	0.500	0.0293	J
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U
7440-66-6	Zinc, Total	ND	0.01000	0.00341	U

Form 1
METALS

Client	: CHA Companies	Lab Number	: L2630380
Project Name	: SYR GATEWAY	Project Number	: 086328
Lab ID	: L2630380-06	Date Collected	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	Date Received	: 05/18/26
Sample Location	: SYRACUSE, NY	Date Analyzed	: 06/03/26 18:58
Sample Matrix	: WATER	Dilution Factor	: 1
Analytical Method	: 1,6020B	Analyst	: DHL
Lab File ID	: WG2222516.pdf	Instrument ID	: ICPMSQ2
Sample Amount	: 50ml	%Solids	: N/A
Digestion Method	: EPA 3005A	Date Digested	: 05/31/26

		mg/l				
CAS NO.	Parameter	Results	RL	MDL	Qualifier	
7429-90-5	Aluminum, Total	0.0236	0.0100	0.00327		
7440-36-0	Antimony, Total	ND	0.00400	0.00042	U	
7440-38-2	Arsenic, Total	0.00018	0.00050	0.00016	J	
7440-39-3	Barium, Total	0.00328	0.00050	0.00017		
7440-41-7	Beryllium, Total	ND	0.00050	0.00010	U	
7440-43-9	Cadmium, Total	ND	0.00020	0.00005	U	
7440-70-2	Calcium, Total	0.305	0.100	0.0394		
7440-47-3	Chromium, Total	0.01125	0.00100	0.00017		
7440-48-4	Cobalt, Total	0.00018	0.00050	0.00016	J	
7440-50-8	Copper, Total	0.00303	0.00100	0.00038		
7439-89-6	Iron, Total	0.855	0.0500	0.0191		
7439-92-1	Lead, Total	0.00047	0.00100	0.00034	J	
7439-95-4	Magnesium, Total	0.104	0.0700	0.0242		
7439-96-5	Manganese, Total	0.00849	0.00100	0.00044		
7440-02-0	Nickel, Total	0.00661	0.00200	0.00055		
7440-09-7	Potassium, Total	ND	0.100	0.0309	U	
7782-49-2	Selenium, Total	ND	0.00500	0.00173	U	
7440-22-4	Silver, Total	ND	0.00040	0.00016	U	
7440-23-5	Sodium, Total	0.473	0.500	0.0293	J	
7440-28-0	Thallium, Total	ND	0.00050	0.00014	U	
7440-62-2	Vanadium, Total	ND	0.00500	0.00157	U	
7440-66-6	Zinc, Total	0.00421	0.01000	0.00341	J	J+

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-07	**Date Collected**	: 05/18/26 16:00
Client ID	: SOIL-WC	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 05/26/26 11:15
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: RJG
Lab File ID	: WG2218499.pdf	**Instrument ID**	: NIC3
Sample Amount	: 5ml	**%Solids**	: 84
Digestion Method	: EPA 7470A	**Date Digested**	: 05/26/26
		Date Extracted	: 05/25/26

			mg/l		
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, TCLP	ND	0.0010	0.0005	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-01	**Date Collected**	: 05/18/26 14:20
Client ID	: MW-105	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/02/26 08:25
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: RJG
Lab File ID	: WG2221930.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/01/26

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-02	**Date Collected**	: 05/18/26 12:30
Client ID	: MW-106	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/02/26 08:51
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: RJG
Lab File ID	: WG2221930.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/01/26

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-03	**Date Collected**	: 05/18/26 09:00
Client ID	: CHA-1	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/02/26 09:01
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: RJG
Lab File ID	: WG2221930.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/01/26

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-05	**Date Collected**	: 05/18/26 11:10
Client ID	: FIELD BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/02/26 09:04
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: RJG
Lab File ID	: WG2221930.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/01/26

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

Form 1
METALS

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: L2630380-06	**Date Collected**	: 05/18/26 15:30
Client ID	: EQUIPMENT BLANK	**Date Received**	: 05/18/26
Sample Location	: SYRACUSE, NY	**Date Analyzed**	: 06/02/26 09:08
Sample Matrix	: WATER	**Dilution Factor**	: 1
Analytical Method	: 1,7470A	**Analyst**	: RJG
Lab File ID	: WG2221930.pdf	**Instrument ID**	: NIC3
Sample Amount	: 25ml	**%Solids**	: N/A
Digestion Method	: EPA 7470A	**Date Digested**	: 06/01/26

		mg/l			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
7439-97-6	Mercury, Total	ND	0.00020	0.00009	U

VOC Data Section

ALPHA GEOSCIENCE

Geology
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Water Supply

QA/QC Review of Method 8260D Volatiles Data
for Pace Analytical Services, SDG Number: L2630380

2 Ground Water Samples, 1 TCLP Sample, 1 Field Duplicate,
1 Field Blank, 1 Equipment Blank, and 1 Trip Blank
Collected May 18, 2026

Prepared by: Donald Anné
July 27, 2026

Holding Times: The samples were extracted and 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 RRF for trichloroethene was below the method minimum, but not below 0.010 for VOA116 on 05-12-26. The average RRF for 1,1,2-trichloroethane was below the method minimum, but not below 0.010 for GONZO on 05-28-26. 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 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 chloroform and trichloroethene were below the method minimums, but not below 0.010 on 05-27-26 (V16260527D03). The %Ds for chloroethane and isopropylbenzene were above the method maximum on 06-01-26 (VG260601A04). 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 %Ds for chloroethane and isopropylbenzene were above the allowable maximum (20%) on 06-01-26 (VG260601A04). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The field blank contained traces of acetone (6.2 ug/L) and 2-butanone (2.2 ug/L). The equipment blank contained traces of acetone (6.3 ug/L) and 2-butanone (1.9 ug/L). Positive results for these compounds that are less than 10 times the highest blank level should be reported as not detected (U) in associated samples.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
www.alphageoscience.com

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples, TCLP sample, field blank, equipment blank, and trip blank.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for 6 compounds (highlighted yellow on attached Form 3) were above the allowable maximum and 2 of 2 percent recoveries for cyclohexane and methyl cyclohexane were below QC limits and below 30% for aqueous MS/MSD sample MW-105. The "not detected" result for cyclohexane and methyl cyclohexane should be considered rejected, unusable (R) in sample MW-105.

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 aqueous samples WG2220640-3/4 and WG2221991-3/4.

The %Rs for target compounds were within QC limits, but the RPD for 2-butanone was above the allowable maximum for TCLP samples WG2219692-3/4. Positive results for 2-butanone should be considered estimated in associated TCLP samples.

Field Duplicates: The relative percent differences for applicable compounds were below the allowable maximum (20%) for aqueous field duplicate pair MW-106/CHA-1 (attached table), as required.

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.

Laboratory Control Sample Summary
Form 3
Volatiles

Client : CHA Companies
Project Name : SYR GATEWAY
Matrix (Level) : SOIL (LOW)
LCS Sample ID : WG2219692-3 **Analysis Date** : 05/27/26 09:30 **File ID** : V16260527D03
LCSD Sample ID : WG2219692-4 **Analysis Date** : 05/27/26 09:54 **File ID** : V16260527D04
Lab Number : L2630380
Project Number : 086328

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Chloroform	10	9.3	93	10	9.0	90	3	70-130	20
Carbon tetrachloride	10	9.1	91	10	8.9	89	2	63-132	20
Tetrachloroethene	10	8.1	81	10	8.2	82	1	70-130	20
Chlorobenzene	10	9.2	92	10	9.3	93	1	75-130	25
1,2-Dichloroethane	10	9.4	94	10	9.1	91	3	70-130	20
Benzene	10	9.6	96	10	9.4	94	2	70-130	25
Vinyl chloride	10	10	100	10	10	100	0	55-140	20
1,1-Dichloroethene	10	9.3	93	10	9.1	91	2	61-145	25
Trichloroethene	10	9.1	91	10	8.6	86	6	70-130	25
1,4-Dichlorobenzene	10	8.9	89	10	8.9	89	0	70-130	20
2-Butanone	10	10	100	10	8.0	80	22 Q	63-138	20

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: VOA116**	**Ical Ref**	**: ICAL23302**
Calibration dates	**: 05/12/26 03:39 05/12/26 06:25**		

Calibration Files
L11 =V16260512A02.D L1 =V16260512A03.D L2 =V16260512A04.D L3 =V16260512A05.D L4 =V16260512A06.D
L6 =V16260512A07.D L8 =V16260512A08.D L10 =V16260512A09.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo		0.196	0.248	0.270	0.229	0.241	0.241	0.244	0.238	9.36
3)	TP	Chloromethane		0.240	0.280	0.289	0.260	0.253	0.258	0.256	0.262	6.39
4)	TP	Vinyl chloride	0.243	0.179	0.260	0.271	0.239	0.238	0.237	0.237	0.238	11.29
5)	TP	Bromomethane		0.173	0.181	0.185	0.158	0.141	0.146	0.147	0.162	11.09
6)	TP	Chloroethane		0.119	0.147	0.156	0.141	0.138	0.138	0.136	0.139	8.08
7)	TP	Trichlorofluor		0.198	0.266	0.291	0.242	0.262	0.264	0.271	0.256	11.46
8)	TP	Ethyl ether		0.069	0.081	0.085	0.083	0.082	0.086	0.087	0.082	7.26
10)	TP	1,1-Dichloroet		0.109	0.162	0.171	0.152	0.159	0.162	0.166	0.154	13.54
11)	TP	Carbon disulfide		0.440	0.543	0.572	0.511	0.515	0.522	0.526	0.518	7.78
12)	TP	Freon-113		0.116	0.152	0.177	0.146	0.164	0.166	0.171	0.156	13.21
14)	TP	Acrolein			0.011	0.011	0.011	0.012	0.012	0.012	0.012	4.30
15)	TP	Methylene chlo		0.169	0.186	0.191	0.178	0.171	0.179	0.179	0.179	4.28
17)	TP	Acetone			0.041	0.037	0.035	0.033	0.034	0.034	0.036	8.20
18)	TP	trans-1,2-Dich		0.139	0.172	0.193	0.179	0.177	0.183	0.185	0.175	9.96
19)	TP	Methyl acetate			0.087	0.091	0.085	0.084	0.086	0.085	0.086	3.20
21)	TP	Methyl tert butyl ether		0.313	0.345	0.380	0.372	0.384	0.399	0.398	0.370	8.37
22)	TP	tert-Butyl alc		0.006	0.008	0.009	0.008	0.008	0.008	0.008	0.008#	9.46
24)	TP	Diisopropyl ether		0.545	0.648	0.688	0.699	0.688	0.702	0.692	0.666	8.46
25)	TP	1,1-Dichloroet		0.293	0.353	0.376	0.353	0.349	0.354	0.352	0.347	7.35
26)	TP	Halothane		0.092	0.137	0.154	0.136	0.142	0.145	0.148	0.136	14.96
27)	TP	Acrylonitrile		0.025	0.045	0.047	0.046	0.045	0.047	0.046	0.043	18.45
28)	TP	Ethyl tert-but		0.449	0.505	0.579	0.581	0.580	0.598	0.597	0.556	10.19
29)	TP	Vinyl acetate			0.378	0.416	0.428	0.414	0.449	0.443	0.421	6.01
30)	TP	cis-1,2-Dichlo		0.165	0.192	0.207	0.193	0.191	0.198	0.200	0.192#	6.92
31)	TP	2,2-Dichloropr		0.241	0.290	0.292	0.262	0.267	0.278	0.277	0.272	6.40
33)	TP	Bromochloromet		0.077	0.092	0.098	0.093	0.086	0.089	0.088	0.089#	7.46
34)	TP	Cyclohexane		0.274	0.381	0.427	0.359	0.394	0.392	0.400	0.375	13.15
35)	TP	Chloroform		0.275	0.318	0.333	0.320	0.318	0.324	0.325	0.316	5.92
36)	TP	Ethyl acetate			0.119	0.131	0.128	0.130	0.134	0.133	0.129	4.40
37)	TP	Carbon tetrachloride	0.242	0.197	0.262	0.282	0.244	0.261	0.265	0.273	0.253	10.39
38)	TP	Tetrahydrofuran			0.033	0.037	0.036	0.036	0.038	0.038	0.036	4.70
39)	S	Dibromofluoromethane	0.277	0.280	0.274	0.269	0.264	0.268	0.272	0.271	0.272	1.85
40)	TP	1,1,1-Trichlor		0.208	0.283	0.320	0.285	0.292	0.299	0.302	0.284	12.53
42)	TP	2-Butanone			0.054	0.057	0.054	0.051	0.053	0.054	0.054	3.35
43)	TP	1,1-Dichloropr		0.186	0.229	0.252	0.235	0.245	0.249	0.252	0.235	9.97

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: VOA116**	**Ical Ref**	**: ICAL23302**
Calibration dates	**: 05/12/26 03:39 05/12/26 06:25**		

Calibration Files
L11 =V16260512A02.D L1 =V16260512A03.D L2 =V16260512A04.D L3 =V16260512A05.D L4 =V16260512A06.D
L6 =V16260512A07.D L8 =V16260512A08.D L10 =V16260512A09.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
45) TP	Benzene	0.726	0.591	0.660	0.736	0.707	0.694	0.710	0.712	0.692	6.77
46) TP	Tertiary-Amyl Methyl Ether		0.365	0.426	0.458	0.440	0.445	0.461	0.465	0.437	7.88
47) S	1,2-Dichloroethane-d4	0.300	0.303	0.308	0.279	0.280	0.280	0.284	0.287	0.290	4.04
48) T	1,2-Dichloroethane	0.176	0.161	0.164	0.172	0.163	0.160	0.165	0.161	0.165	3.59
51) TP	Methyl cyclohe		0.232	0.323	0.365	0.314	0.355	0.360	0.371	0.332	14.69
52) TP	Trichloroethene	0.182	0.145	0.189	0.208	0.194	0.198	0.200	0.203	0.190#	10.52
54) TP	Dibromomethane		0.088	0.093	0.103	0.100	0.099	0.103	0.104	0.098	6.11
55) TP	1,2-Dichloropr		0.168	0.209	0.220	0.212	0.210	0.216	0.215	0.207	8.61
57) TP	2-Chloroethyl		0.069	0.101	0.110	0.111	0.113	0.116	0.120	0.106	16.37
58) TP	Bromodichlorom		0.186	0.219	0.229	0.220	0.225	0.231	0.232	0.220#	7.30
61) TP	1,4-Dioxane		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001#	15.26
62) TP	cis-1,3-Dichloropropene	0.297	0.223	0.271	0.300	0.296	0.295	0.303	0.303	0.286#	9.52
63) I	Chlorobenzene-d5	----------ISTD----------									
64) S	Toluene-d8	1.267	1.268	1.295	1.279	1.279	1.276	1.269	1.268	1.275	0.73
65) TP	Toluene		0.472	0.583	0.618	0.585	0.583	0.603	0.598	0.578	8.38
66) TP	4-Methyl-2-pen		0.039	0.051	0.057	0.056	0.058	0.061	0.060	0.055	13.79
67) TP	Tetrachloroethene	0.223	0.192	0.257	0.280	0.252	0.264	0.272	0.275	0.252	11.91
69) TP	trans-1,3-Dichloropropene	0.298	0.249	0.299	0.331	0.328	0.324	0.331	0.329	0.311	9.21
71) TP	Ethyl methacry		0.158	0.186	0.212	0.209	0.212	0.220	0.220	0.203	11.18
72) TP	1,1,2-Trichlor		0.103	0.138	0.152	0.150	0.149	0.153	0.152	0.142#	12.61
73) TP	Chlorodibromom		0.201	0.225	0.247	0.243	0.247	0.254	0.256	0.239	8.22
74) TP	1,3-Dichloropr		0.247	0.285	0.310	0.306	0.301	0.307	0.304	0.295	7.61
75) TP	1,2-Dibromoethane		0.139	0.158	0.183	0.182	0.179	0.186	0.186	0.173#	10.45
77) TP	2-Hexanone		0.093	0.098	0.117	0.114	0.113	0.114	0.114	0.109	8.75
78) TP	Chlorobenzene		0.550	0.661	0.708	0.671	0.665	0.675	0.668	0.657	7.54
79) TP	Ethylbenzene		0.962	1.118	1.228	1.142	1.137	1.152	1.143	1.126	7.12
80) TP	1,1,1,2-Tetrac		0.190	0.229	0.259	0.253	0.251	0.258	0.258	0.242	10.45
81) TP	p/m Xylene		0.378	0.447	0.484	0.453	0.448	0.456	0.450	0.445	7.21
82) TP	o Xylene		0.371	0.416	0.466	0.445	0.437	0.444	0.431	0.430	6.99
83) TP	Styrene		0.571	0.680	0.769	0.747	0.733	0.741	0.709	0.707	9.39
84) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
85) TP	Bromoform		0.219	0.223	0.257	0.252	0.259	0.275	0.273	0.251	8.83
87) TP	Isopropylbenzene		1.842	2.132	2.631	2.412	2.426	2.534	2.440	2.345	11.49
88) S	4-Bromofluorobenzene	0.897	0.897	0.893	0.872	0.876	0.867	0.883	0.874	0.882	1.35
89) TP	Bromobenzene		0.443	0.494	0.520	0.504	0.503	0.531	0.524	0.503	5.82
90) TP	n-Propylbenzene		2.189	2.535	2.775	2.559	2.584	2.671	2.550	2.552	7.09

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: VOA116**	**Ical Ref**	**: ICAL23302**
Calibration dates	**: 05/12/26 03:39 05/12/26 06:25**		

Calibration Files
L11 =V16260512A02.D L1 =V16260512A03.D L2 =V16260512A04.D L3 =V16260512A05.D L4 =V16260512A06.D
L6 =V16260512A07.D L8 =V16260512A08.D L10 =V16260512A09.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
91) TP	1,4-Dichlorobu		0.638	0.660	0.700	0.685	0.674	0.707	0.677	0.677	3.49
92) TP	1,1,2,2-Tetrachloroethane	0.362	0.367	0.344	0.376	0.363	0.364	0.384	0.375	0.367	3.31
93) TP	4-Ethyltoluene		1.759	2.106	2.324	2.161	2.172	2.238	2.152	2.130	8.36
94) TP	2-Chlorotoluene		1.324	1.413	1.493	1.408	1.396	1.487	1.446	1.424	4.08
95) TP	1,3,5-Trimethy		1.498	1.779	1.975	1.860	1.866	1.927	1.870	1.825	8.57
96) TP	1,2,3-Trichlor		0.290	0.287	0.302	0.287	0.288	0.302	0.293	0.293	2.31
97) TP	trans-1,4-Dich		0.108	0.133	0.143	0.138	0.137	0.143	0.138	0.134	9.01
98) TP	4-Chlorotoluene		1.358	1.492	1.652	1.569	1.549	1.623	1.567	1.544	6.27
99) TP	tert-Butylbenzene		1.364	1.598	1.755	1.603	1.639	1.701	1.660	1.617	7.71
102) TP	1,2,4-Trimethy		1.530	1.678	1.877	1.810	1.806	1.893	1.833	1.775	7.25
103) TP	sec-Butylbenzene		2.320	2.767	3.104	2.711	2.683	2.803	2.645	2.719	8.54
104) TP	p-Isopropyltol		1.758	2.071	2.290	2.097	2.143	2.206	2.135	2.100	7.99
105) TP	1,3-Dichlorobe		0.879	0.991	1.093	1.041	1.029	1.069	1.050	1.022	6.91
106) TP	1,4-Dichlorobe		0.904	1.013	1.085	1.037	1.013	1.059	1.046	1.022	5.68
107) TP	p-Diethylbenzene		1.006	1.202	1.353	1.273	1.303	1.359	1.346	1.263	10.00
108) TP	n-Butylbenzene		1.495	1.799	2.040	1.886	1.949	2.014	1.981	1.881	10.03
109) TP	1,2-Dichlorobe		0.802	0.901	0.974	0.939	0.916	0.959	0.954	0.921	6.30
110) TP	1,2,4,5-Tetram		1.494	1.696	1.871	1.808	1.814	1.917	1.881	1.783	8.19
111) TP	1,2-Dibromo-3-		0.049	0.054	0.059	0.056	0.056	0.060	0.060	0.056	7.27
112) TP	1,3,5-Trichlor		0.652	0.685	0.746	0.735	0.746	0.791	0.777	0.733	6.69
113) TP	Hexachlorobuta		0.215	0.260	0.290	0.269	0.287	0.307	0.312	0.277	11.94
114) TP	1,2,4-Trichlor		0.484	0.549	0.588	0.582	0.601	0.635	0.641	0.583	9.24
115) TP	Naphthalene		0.991	0.984	1.059	1.045	1.052	1.130	1.122	1.055	5.39
116) TP	1,2,3-Trichlor		0.424	0.437	0.487	0.475	0.488	0.520	0.514	0.478	7.55

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Client Sample ID	: MW-105	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2630380-01	**Analysis Date**	: 05/29/26 15:28
Matrix Spike	: WG2220640-6	**MS Analysis Date**	: 05/29/26 17:30
Matrix Spike Dup	: WG2220640-7	**MSD Analysis Date**	: 05/29/26 17:54

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	ND	10	8.8	88	10	10	100	13	70-130	20
1,1-Dichloroethane	ND	10	9.1	91	10	11	110	19	70-130	20
Chloroform	ND	10	9.2	92	10	11	110	18	70-130	20
Carbon tetrachloride	ND	10	9.3	93	10	11	110	17	63-132	20
1,2-Dichloropropane	ND	10	8.8	88	10	11	110	22 Q	70-130	20
Dibromochloromethane	ND	10	8.1	81	10	9.8	98	19	63-130	20
1,1,2-Trichloroethane	ND	10	8.4	84	10	10	100	17	70-130	20
Tetrachloroethene	ND	10	8.2	82	10	9.9	99	19	70-130	20
Chlorobenzene	ND	10	8.4	84	10	10	100	17	75-130	20
Trichlorofluoromethane	ND	10	9.0	90	10	11	110	20	62-150	20
1,2-Dichloroethane	ND	10	8.5	85	10	10	100	16	70-130	20
1,1,1-Trichloroethane	ND	10	9.5	95	10	11	110	15	67-130	20
Bromodichloromethane	ND	10	8.6	86	10	10	100	15	67-130	20
trans-1,3-Dichloropropene	ND	10	8.0	80	10	9.6	96	18	70-130	20
cis-1,3-Dichloropropene	ND	10	8.4	84	10	10	100	17	70-130	20
Bromoform	ND	10	7.4	74	10	8.7	87	16	54-136	20
1,1,2,2-Tetrachloroethane	ND	10	8.4	84	10	9.8	98	15	67-130	20
Benzene	ND	10	9.1	91	10	11	110	19	70-130	20
Toluene	ND	10	8.4	84	10	10	100	17	70-130	20
Ethylbenzene	ND	10	8.2	82	10	9.9	99	19	70-130	20
Chloromethane	ND	10	9.2	92	10	11	110	18	64-130	20
Bromomethane	ND	10	8.1	81	10	10	100	21 Q	39-139	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Client Sample ID	: MW-105	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2630380-01	**Analysis Date**	: 05/29/26 15:28
Matrix Spike	: WG2220640-6	**MS Analysis Date**	: 05/29/26 17:30
Matrix Spike Dup	: WG2220640-7	**MSD Analysis Date**	: 05/29/26 17:54

		Matrix Spike Sample			Matrix Spike Duplicate					
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	Spike Added (ug/l)	Spike Conc. (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Vinyl chloride	ND	10	10	100	10	12	120	18	55-140	20
Chloroethane	ND	10	9.6	96	10	11	110	14	55-138	20
1,1-Dichloroethene	ND	10	9.8	98	10	12	120	20	61-145	20
trans-1,2-Dichloroethene	ND	10	9.3	93	10	11	110	17	70-130	20
Trichloroethene	9.0	10	17	80	10	19	100	11	70-130	20
1,2-Dichlorobenzene	ND	10	8.1	81	10	9.6	96	17	70-130	20
1,3-Dichlorobenzene	ND	10	7.9	79	10	9.5	95	18	70-130	20
1,4-Dichlorobenzene	ND	10	7.9	79	10	9.4	94	17	70-130	20
Methyl tert butyl ether	ND	10	8.7	87	10	10	100	14	63-130	20
p/m-Xylene	ND	20	16	80	20	19	95	17	70-130	20
o-Xylene	ND	20	15	75	20	18	90	18	70-130	20
cis-1,2-Dichloroethene	ND	10	9.3	93	10	11	110	17	70-130	20
Styrene	ND	20	16	80	20	20	100	22 Q	70-130	20
Dichlorodifluoromethane	ND	10	8.4	84	10	10	100	17	36-147	20
Acetone	2.0J	10	9.9	99	10	12	120	19	58-148	20
Carbon disulfide	ND	10	9.6	96	10	11	110	14	51-130	20
2-Butanone	ND	10	8.0	80	10	9.3	93	15	63-138	20
4-Methyl-2-pentanone	ND	10	7.5	75	10	9.1	91	19	59-130	20
2-Hexanone	ND	10	7.6	76	10	9.3	93	20	57-130	20
Bromochloromethane	ND	10	9.1	91	10	11	110	19	70-130	20
1,2-Dibromoethane	ND	10	8.4	84	10	10	100	17	70-130	20
1,2-Dibromo-3-chloropropane	ND	10	7.9	79	10	9.5	95	18	41-144	20

Matrix Spike Sample Summary
Form 3
Volatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Client Sample ID	: MW-105	**Matrix (Level)**	: WATER (LOW)
Lab Sample ID	: L2630380-01	**Analysis Date**	: 05/29/26 15:28
Matrix Spike	: WG2220640-6	**MS Analysis Date**	: 05/29/26 17:30
Matrix Spike Dup	: WG2220640-7	**MSD Analysis Date**	: 05/29/26 17:54

		Matrix Spike Sample				Matrix Spike Duplicate						
Parameter	Sample Conc. (ug/l)	Spike Added (ug/l)	Spike Conc. (ug/l)	%R		Spike Added (ug/l)	Spike Conc. (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Isopropylbenzene	ND	10	7.8	78		10	9.3	93		18	70-130	20
1,2,3-Trichlorobenzene	ND	10	8.0	80		10	9.6	96		18	70-130	20
1,2,4-Trichlorobenzene	ND	10	7.6	76		10	9.4	94		21 Q	70-130	20
Methyl Acetate	ND	10	7.2	72		10	8.4	84		15	70-130	20
Cyclohexane	ND	10	7.7J	0	Q	10	9.5J	0	Q	21 Q	70-130	20
1,4-Dioxane	ND	500	500	100		500	630	126		23 Q	56-162	20
Freon-113	ND	10	8.3	83		10	10	100		19	70-130	20
Methyl cyclohexane	ND	10	7.2J	0	Q	10	8.8J	0	Q	20	70-130	20

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL23356**
Calibration dates	**: 05/28/26 19:29 05/28/26 23:57**		

Calibration Files
L11 =VG260528A03.D L1 =VG260528A05.D L2 =VG260528A07.D L3 =VG260528A09.D L4 =VG260528A10.D
L6 =VG260528A11.D L8 =VG260528A12.D L10 =VG260528A13.D

		Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------									
2)	TP	Dichlorodifluo			0.220	0.305	0.285	0.305	0.309	0.325	0.291	12.76
3)	TP	Chloromethane		0.272	0.315	0.324	0.295	0.297	0.302	0.313	0.303	5.64
4)	TP	Vinyl chloride	0.186	0.162	0.235	0.265	0.251	0.264	0.269	0.283	0.239	17.94
5)	TP	Bromomethane		0.054	0.053	0.056	0.077	0.109	0.117		*Q	0.9976
6)	TP	Chloroethane		0.112	0.151	0.146	0.133	0.127	0.105		0.129	13.96
7)	TP	Trichlorofluor		0.212	0.289	0.378	0.356	0.390	0.396	0.421	*L	0.9979
8)	TP	Ethyl ether		0.096	0.115	0.119	0.117	0.122	0.125	0.124	0.117	8.33
10)	TP	1,1-Dichloroet		0.150	0.202	0.227	0.215	0.228	0.230	0.240	0.213	14.20
11)	TP	Carbon disulfide		0.501	0.659	0.698	0.659	0.709	0.714	0.740	0.669	11.88
12)	TP	Freon-113			0.151	0.217	0.201	0.220	0.228	0.240	0.210	14.93
13)	TP	Iodomethane									0.000#	-1.00
14)	TP	Acrolein			0.022	0.016	0.014	0.015	0.016	0.016	0.017	17.45
15)	TP	Methylene chlo		0.241	0.250	0.248	0.238	0.243	0.245	0.246	0.244	1.68
17)	TP	Acetone			0.051	0.043	0.047	0.052	0.054	0.054	0.050	8.43
18)	TP	trans-1,2-Dich		0.199	0.237	0.254	0.241	0.253	0.254	0.260	0.242	8.64
19)	TP	Methyl acetate			0.076	0.105	0.108	0.116	0.124	0.127	0.109	16.74
20)	TP	Methyl tert butyl ether		0.481	0.496	0.541	0.534	0.561	0.581	0.586	0.540	7.43
21)	TP	tert-Butyl alc		0.015	0.017	0.015	0.015	0.016	0.017	0.017	0.016	6.88
22)	TP	Diisopropyl ether		0.707	0.784	0.836	0.838	0.880	0.901	0.921	0.838	8.82
23)	TP	1,1-Dichloroet		0.372	0.442	0.456	0.442	0.458	0.459	0.472	0.443	7.44
24)	TP	Halothane		0.132	0.170	0.189	0.181	0.190	0.192	0.200	0.179	12.74
25)	TP	Acrylonitrile			0.045	0.053	0.052	0.057	0.059	0.060	0.054	10.15
26)	TP	Ethyl tert-but		0.492	0.577	0.637	0.670	0.708	0.729	0.741	0.651	13.84
27)	TP	Vinyl acetate			0.421	0.462	0.469	0.447	0.492	0.482	0.462	5.47
28)	TP	cis-1,2-Dichlo		0.231	0.260	0.273	0.269	0.279	0.279	0.278	0.267	6.45
29)	TP	2,2-Dichloropr		0.316	0.371	0.376	0.369	0.380	0.379	0.398	0.370	6.89
30)	TP	Bromochloromet		0.112	0.123	0.114	0.109	0.109	0.110	0.113	0.113	4.20
31)	TP	Cyclohexane			0.298	0.410	0.383	0.423	0.441	0.475	0.405	15.00
32)	TP	Chloroform		0.417	0.450	0.464	0.437	0.451	0.451	0.461	0.447	3.54
33)	TP	Ethyl acetate			0.157	0.172	0.174	0.186	0.197	0.199	0.181	9.07
34)	TP	Carbon tetrachloride	0.284	0.220	0.313	0.353	0.345	0.375	0.382	0.403	0.334	17.93
35)	TP	Tetrahydrofuran			0.060	0.058	0.054	0.056	0.062	0.059	0.058	4.85
36)	S	Dibromofluoromethane	0.259	0.256	0.252	0.245	0.238	0.236	0.240	0.243	0.246	3.47
37)	TP	1,1,1-Trichlor		0.316	0.361	0.404	0.389	0.414	0.417	0.437	0.391	10.49
39)	TP	2-Butanone			0.066	0.074	0.072	0.081	0.085	0.086	0.077	10.47

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL23356**
Calibration dates	**: 05/28/26 19:29 05/28/26 23:57**		

Calibration Files
L11 =VG260528A03.D L1 =VG260528A05.D L2 =VG260528A07.D L3 =VG260528A09.D L4 =VG260528A10.D
L6 =VG260528A11.D L8 =VG260528A12.D L10 =VG260528A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
40) TP	1,1-Dichloropr		0.214	0.284	0.334	0.319	0.343	0.348	0.365	0.315	16.29
41) TP	Benzene	0.827	0.779	0.914	0.977	0.970	1.008	1.008	1.028	0.939	9.73
42) TP	Tertiary-Amyl Methyl Ether		0.485	0.535	0.566	0.573	0.606	0.628	0.638	0.576	9.41
43) S	1,2-Dichloroethane-d4	0.275	0.286	0.289	0.293	0.264	0.263	0.271	0.275	0.277	4.09
44) TP	1,2-Dichloroethane	0.290	0.281	0.303	0.303	0.294	0.304	0.309	0.312	0.300	3.49
47) TP	Methyl cyclohe			0.281	0.422	0.392	0.440	0.466	0.485	0.415	17.59
48) TP	Trichloroethene	0.281	0.231	0.243	0.280	0.269	0.285	0.282	0.290	0.270	7.94
50) TP	Dibromomethane		0.129	0.140	0.134	0.131	0.135	0.136	0.137	0.135	2.65
51) TP	1,2-Dichloropr		0.202	0.244	0.257	0.248	0.256	0.257	0.261	0.246	8.29
53) TP	2-Chloroethyl			0.048	0.055	0.060	0.067	0.080	0.092	*Q	0.9995
54) TP	Bromodichlorom		0.299	0.332	0.341	0.338	0.348	0.351	0.358	0.338	5.75
57) TP	1,4-Dioxane		0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002#	3.59
58) TP	cis-1,3-Dichloropropene	0.344	0.317	0.376	0.398	0.392	0.408	0.409	0.418	0.383	9.24
59) I	Chlorobenzene-d5	----------ISTD----------									
60) S	Toluene-d8	1.277	1.310	1.299	1.304	1.293	1.326	1.335	1.339	1.310	1.63
61) TP	Toluene		0.682	0.809	0.828	0.832	0.867	0.880	0.895	0.828	8.62
62) TP	4-Methyl-2-pen			0.075	0.078	0.076	0.082	0.087	0.087	0.081	6.54
63) TP	Tetrachloroethene	0.257	0.232	0.317	0.348	0.334	0.371	0.381	0.392	0.329	17.67
65) TP	trans-1,3-Dichloropropene	0.302	0.322	0.372	0.426	0.428	0.457	0.467	0.476	0.406	16.41
67) TP	Ethyl methacry		0.305	0.302	0.316	0.316	0.329	0.342	0.342	0.322	5.14
68) TP	1,1,2-Trichlor		0.178	0.195	0.196	0.196	0.207	0.211	0.211	0.199#	5.89
69) TP	Chlorodibromom		0.260	0.292	0.308	0.314	0.340	0.349	0.356	0.317	10.81
70) TP	1,3-Dichloropr		0.369	0.392	0.414	0.408	0.438	0.446	0.450	0.417	7.19
71) TP	1,2-Dibromoethane		0.221	0.229	0.240	0.243	0.258	0.264	0.264	0.246	7.01
72) TP	2-Hexanone			0.144	0.153	0.152	0.166	0.177	0.176	0.161	8.57
73) TP	Chlorobenzene		0.809	0.921	0.956	0.957	0.991	0.999	1.004	0.948	7.17
74) TP	Ethylbenzene		1.303	1.581	1.664	1.642	1.701	1.735	1.742	1.624	9.37
75) TP	1,1,1,2-Tetrac		0.272	0.307	0.328	0.337	0.356	0.363	0.368	0.333	10.32
76) TP	p/m Xylene		0.505	0.611	0.654	0.639	0.662	0.669	0.659	0.628	9.18
77) TP	o Xylene		0.509	0.597	0.635	0.624	0.634	0.638	0.624	0.609	7.56
78) TP	Styrene		0.814	1.013	1.054	1.052	1.081	1.079		1.015	10.04
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------									
80) TP	Bromoform		0.297	0.319	0.340	0.341	0.371	0.380	0.380	0.347	9.19
82) TP	Isopropylbenzene		2.386	3.104	3.341	3.187	3.391	3.423		3.139	12.38
83) S	4-Bromofluorobenzene	0.965	0.969	0.974	0.970	0.938	0.960	0.946	0.939	0.958	1.53
84) TP	Bromobenzene		0.666	0.729	0.759	0.735	0.771	0.772	0.758	0.742	4.99

Initial Calibration Summary
Form 6
Volatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: GONZO**	**Ical Ref**	**: ICAL23356**
Calibration dates	**: 05/28/26 19:29 05/28/26 23:57**		

Calibration Files
L11 =VG260528A03.D L1 =VG260528A05.D L2 =VG260528A07.D L3 =VG260528A09.D L4 =VG260528A10.D
L6 =VG260528A11.D L8 =VG260528A12.D L10 =VG260528A13.D

	Compound	L11	L1	L2	L3	L4	L6	L8	L10	Avg	%RSD
85) TP	n-Propylbenzene		2.882	3.678	3.965	3.737	3.967	3.992		3.703	11.44
86) TP	1,4-Dichlorobu		0.819	0.852	0.847	0.824	0.872	0.886	0.878	0.854	3.05
87) TP	1,1,2,2-Tetrachloroethane	0.675	0.568	0.532	0.532	0.511	0.519	0.540	0.528	0.551	9.60
88) TP	4-Ethyltoluene		2.374	3.073	3.260	3.129	3.318	3.359		3.085	11.84
89) TP	2-Chlorotoluene		1.846	2.217	2.383	2.285	2.384	2.344	2.334	2.256	8.43
90) TP	1,3,5-Trimethy		2.239	2.643	2.804	2.694	2.839	2.854	2.810	2.698	8.03
91) TP	1,2,3-Trichlor		0.447	0.400	0.438	0.429	0.443	0.467	0.451	0.439	4.75
92) TP	trans-1,4-Dich		0.115	0.112	0.151	0.152	0.169	0.179	0.181	0.151	18.67
93) TP	4-Chlorotoluene		1.990	2.281	2.416	2.355	2.469	2.494	2.438	2.349	7.40
94) TP	tert-Butylbenzene		1.681	2.133	2.363	2.233	2.360	2.416	2.398	2.226	11.71
97) TP	1,2,4-Trimethy		2.066	2.536	2.696	2.658	2.761	2.815	2.753	2.612	9.83
98) TP	sec-Butylbenzene		2.382	3.157	3.499	3.295	3.538	3.626		3.249	14.10
99) TP	p-Isopropyltol		2.030	2.628	2.887	2.776	2.979	3.075		2.729	13.79
100) TP	1,3-Dichlorobe		1.181	1.378	1.437	1.407	1.478	1.502	1.492	1.411	7.86
101) TP	1,4-Dichlorobe		1.272	1.381	1.431	1.388	1.465	1.487	1.476	1.414	5.32
102) TP	p-Diethylbenzene		1.155	1.539	1.645	1.621	1.732	1.786	1.793	1.610	13.72
103) TP	n-Butylbenzene		1.583	2.088	2.390	2.321	2.509	2.612		2.251	16.55
104) TP	1,2-Dichlorobe		1.078	1.205	1.273	1.243	1.312	1.329	1.326	1.252	7.15
105) TP	1,2,4,5-Tetram		1.649	2.020	2.123	2.139	2.217	2.296	2.289	2.105	10.61
106) TP	1,2-Dibromo-3-		0.078	0.071	0.082	0.078	0.086	0.092	0.091	0.083	9.13
107) TP	1,3,5-Trichlor		0.614	0.765	0.804	0.821	0.874	0.905	0.865	0.807	12.06
108) TP	Hexachlorobuta		0.248	0.290	0.346	0.335	0.371	0.393	0.390	0.339	15.76
109) TP	1,2,4-Trichlor		0.480	0.556	0.592	0.619	0.662	0.689	0.665	0.609	12.03
110) TP	Naphthalene		1.181	1.097	1.131	1.172	1.213	1.303	1.286	1.198	6.34
111) TP	1,2,3-Trichlor		0.341	0.430	0.444	0.461	0.498	0.522	0.493	0.456	13.17

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	**Lab Number**	: L2630380		
Project Name	: SYR GATEWAY	**Project Number**	: 086328		
Instrument ID	: GONZO	**Calibration Date**	: 06/01/26 08:47		
Lab File ID	: VG260601A04	**Init. Calib. Date(s)**	: 05/28/26	05/28/26	
Sample No	: WG2221991-2	**Init. Calib. Times**	: 19:29	23:57	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	98	0
Dichlorodifluoromethane	0.291	0.316	-	-8.6	20	101	0
Chloromethane	0.303	0.307	-	-1.3	20	93	0
Vinyl chloride	0.239	0.274	-	-14.6	20	101	0
Bromomethane	10	9.398	-	6	20	113	0
Chloroethane	0.129	0.156	-	-20.9*	20	105	0
Trichlorofluoromethane	10	10.178	-	-1.8	20	103	0
Ethyl ether	0.117	0.121	-	-3.4	20	99	0
1,1-Dichloroethene	0.213	0.23	-	-8	20	99	0
Carbon disulfide	0.669	0.722	-	-7.9	20	101	0
Freon-113	0.21	0.232	-	-10.5	20	105	0
Acrolein	0.017	0.017	-	0	20	100	0
Methylene chloride	0.244	0.255	-	-4.5	20	101	0
Acetone	0.05	0.045	-	10	20	102	0
trans-1,2-Dichloroethene	0.242	0.257	-	-6.2	20	99	0
Methyl acetate	0.109	0.106	-	2.8	20	98	0
Methyl tert-butyl ether	0.54	0.564	-	-4.4	20	102	0
tert-Butyl alcohol	0.016	0.018	-	-12.5	20	118	0
Diisopropyl ether	0.838	0.901	-	-7.5	20	105	0
1,1-Dichloroethane	0.443	0.488	-	-10.2	20	105	0
Halothane	0.179	0.192	-	-7.3	20	100	0
Acrylonitrile	0.054	0.055	-	-1.9	20	102	0
Ethyl tert-butyl ether	0.651	0.683	-	-4.9	20	105	0
Vinyl acetate	0.462	0.582	-	-26*	20	123	0
cis-1,2-Dichloroethene	0.267	0.282	-	-5.6	20	101	0
2,2-Dichloropropane	0.37	0.44	-	-18.9	20	114	0
Bromochloromethane	0.113	0.119	-	-5.3	20	102	0
Cyclohexane	0.405	0.459	-	-13.3	20	110	0
Chloroform	0.447	0.462	-	-3.4	20	98	0
Ethyl acetate	0.181	0.189	-	-4.4	20	107	0
Carbon tetrachloride	0.334	0.378	-	-13.2	20	105	0
Tetrahydrofuran	0.058	0.064	-	-10.3	20	108	0
Dibromofluoromethane	0.246	0.243	-	1.2	20	97	0
1,1,1-Trichloroethane	0.391	0.43	-	-10	20	104	0
2-Butanone	0.077	0.074	-	3.9	20	99	0
1,1-Dichloropropene	0.315	0.36	-	-14.3	20	106	0
Benzene	0.939	1.031	-	-9.8	20	103	0
tert-Amyl methyl ether	0.576	0.61	-	-5.9	20	106	0
1,2-Dichloroethane-d4	0.277	0.273	-	1.4	20	91	0
1,2-Dichloroethane	0.3	0.325	-	-8.3	20	105	0
Methyl cyclohexane	0.415	0.466	-	-12.3	20	108	0
Trichloroethene	0.27	0.29	-	-7.4	20	101	0
Dibromomethane	0.135	0.141	-	-4.4	20	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	**Lab Number**	: L2630380		
Project Name	: SYR GATEWAY	**Project Number**	: 086328		
Instrument ID	: GONZO	**Calibration Date**	: 06/01/26 08:47		
Lab File ID	: VG260601A04	**Init. Calib. Date(s)**	: 05/28/26	05/28/26	
Sample No	: WG2221991-2	**Init. Calib. Times**	: 19:29	23:57	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.246	0.271	-	-10.2	20	103	0
Bromodichloromethane	0.338	0.369	-	-9.2	20	106	0
1,4-Dioxane	0.00173	0.00162*	-	6.4	20	93	0
cis-1,3-Dichloropropene	0.383	0.426	-	-11.2	20	105	0
Chlorobenzene-d5	1	1	-	0	20	97	0
Toluene-d8	1.31	1.296	-	1.1	20	97	0
Toluene	0.828	0.904	-	-9.2	20	106	0
4-Methyl-2-pentanone	0.081	0.087	-	-7.4	20	109	0
Tetrachloroethene	0.329	0.363	-	-10.3	20	102	0
trans-1,3-Dichloropropene	0.406	0.463	-	-14	20	106	0
Ethyl methacrylate	0.322	0.354	-	-9.9	20	109	0
1,1,2-Trichloroethane	0.199	0.217	-	-9	20	108	0
Chlorodibromomethane	0.317	0.333	-	-5	20	105	0
1,3-Dichloropropane	0.417	0.454	-	-8.9	20	107	0
1,2-Dibromoethane	0.246	0.259	-	-5.3	20	105	0
2-Hexanone	0.161	0.177	-	-9.9	20	113	0
Chlorobenzene	0.948	1.049	-	-10.7	20	107	0
Ethylbenzene	1.624	1.85	-	-13.9	20	108	0
1,1,1,2-Tetrachloroethane	0.333	0.355	-	-6.6	20	106	0
p/m Xylene	0.628	0.719	-	-14.5	20	107	0
o Xylene	0.609	0.698	-	-14.6	20	107	0
Styrene	1.015	1.167	-	-15	20	108	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	97	0
Bromoform	0.347	0.362	-	-4.3	20	103	0
Isopropylbenzene	3.139	3.774	-	-20.2*	20	109	0
4-Bromofluorobenzene	0.958	1.002	-	-4.6	20	100	0
Bromobenzene	0.742	0.835	-	-12.5	20	106	0
n-Propylbenzene	3.703	4.537	-	-22.5*	20	111	0
1,4-Dichlorobutane	0.854	0.979	-	-14.6	20	112	0
1,1,2,2-Tetrachloroethane	0.551	0.631	-	-14.5	20	115	0
4-Ethyltoluene	3.085	3.699	-	-19.9	20	110	0
2-Chlorotoluene	2.256	2.746	-	-21.7*	20	112	0
1,3,5-Trimethylbenzene	2.698	3.172	-	-17.6	20	110	0
1,2,3-Trichloropropane	0.439	0.513	-	-16.9	20	113	0
trans-1,4-Dichloro-2-buten	0.151	0.178	-	-17.9	20	114	0
4-Chlorotoluene	2.349	2.752	-	-17.2	20	110	0
tert-Butylbenzene	2.226	2.649	-	-19	20	109	0
1,2,4-Trimethylbenzene	2.612	3.038	-	-16.3	20	109	0
sec-Butylbenzene	3.249	3.982	-	-22.6*	20	110	0
p-Isopropyltoluene	2.729	3.31	-	-21.3*	20	111	0
1,3-Dichlorobenzene	1.411	1.607	-	-13.9	20	108	0
1,4-Dichlorobenzene	1.414	1.594	-	-12.7	20	108	0
p-Diethylbenzene	1.61	1.84	-	-14.3	20	108	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies		**Lab Number**	: L2630380	
Project Name	: SYR GATEWAY		**Project Number**	: 086328	
Instrument ID	: GONZO		**Calibration Date**	: 06/01/26 08:47	
Lab File ID	: VG260601A04		**Init. Calib. Date(s)**	: 05/28/26	05/28/26
Sample No	: WG2221991-2		**Init. Calib. Times**	: 19:29	23:57
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.251	2.721	-	-20.9*	20	110	0
1,2-Dichlorobenzene	1.252	1.433	-	-14.5	20	109	0
1,2,4,5-Tetramethylbenzene	2.105	2.374	-	-12.8	20	108	0
1,2-Dibromo-3-chloropropan	0.083	0.085	-	-2.4	20	100	0
1,3,5-Trichlorobenzene	0.807	0.884	-	-9.5	20	106	0
Hexachlorobutadiene	0.339	0.379	-	-11.8	20	106	0
1,2,4-Trichlorobenzene	0.609	0.648	-	-6.4	20	106	0
Naphthalene	1.198	1.211	-	-1.1	20	104	0
1,2,3-Trichlorobenzene	0.456	0.474	-	-3.9	20	103	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: VOA116	**Calibration Date**	: 05/27/26 09:30
Lab File ID	: V16260527D03	**Init. Calib. Date(s)**	: 05/12/26 05/12/26
Sample No	: WG2219692-2	**Init. Calib. Times**	: 03:39 06:25
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	74	0
Vinyl chloride	0.238	0.25	-	-5	20	68	0
1,1-Dichloroethene	0.154	0.143	-	7.1	20	62	0
Chloroform	0.316	0.294*	-	7	20	65	0
Carbon tetrachloride	0.253	0.23	-	9.1	20	60	0
Dibromofluoromethane	0.272	0.262	-	3.7	20	72	0
2-Butanone	0.054	0.054	-	0	20	71	0
Benzene	0.692	0.662	-	4.3	20	66	0
1,2-Dichloroethane-d4	0.29	0.306	-	-5.5	20	81	0
1,2-Dichloroethane	0.165	0.155	-	6.1	20	67	0
Trichloroethene	0.19	0.174*	-	8.4	20	62	0
Chlorobenzene-d5	1	1	-	0	20	68	0
Toluene-d8	1.275	1.383	-	-8.5	20	74	0
Tetrachloroethene	0.252	0.205	-	18.7	20	50	0
Chlorobenzene	0.657	0.605	-	7.9	20	58	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	62	0
4-Bromofluorobenzene	0.882	0.968	-	-9.8	20	69	0
1,4-Dichlorobenzene	1.022	0.911	-	10.9	20	52	0

* Value outside of QC limits.

SVOC Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E Semi-Volatiles
Data for Pace Analytical Services SDG Number: L2630380

2 Ground Water Samples, 1 TCLP Sample, 1 Field Duplicate,
1 Field Blank, and 1 Equipment Blank
Collected May 18, 2026

Prepared by: Donald Anné
July 27, 2026

Holdine Times: Samples were prepared, 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 RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for SV107 on 01-19-26. The average RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 for DAKOTA on 02-01-26. 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 05-25-26 (WG2218214-3). The RRFs for 2-chloronaphthalene and 2,6-dinitrotoluene were below the method minimums, but not below 0.010 on 05-26-26 (WG2218687-3). The %D for benzaldehyde was above the method maximum on 05-25-26 (WG2218214-4). The %D for atrazine was above the method maximum on 05-25-26 (WG2218214-5). The %Ds for 11 compounds (highlighted yellow on attached Form 7) were above the method maximum on 05-26-26 (WG2218687-3). The %D for benzaldehyde was above the method maximum on 05-26-26 (WG2218687-4). The %D for atrazine was above the method maximum on 05-26-26 (WG2218687-5). The %D for pentachlorophenol was above the method maximum on 05-27-26 (WG2219177-3). 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.

The RRFs for target compounds were above the allowable minimum (0.010), as required.

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The %D for benzaldehyde was above the allowable maximum (20%) on 05-25-26 (WG2218214-4). The %D for atrazine was above the allowable maximum (20%) on 05-25-26 (WG2218214-5). The %Ds for 11 compounds (highlighted yellow on attached Form 7) were above the allowable maximum (20%) on 05-26-26 (WG2218687-3). The %D for benzaldehyde was above the allowable maximum (20%) on 05-26-26 (WG2218687-4). The %D for atrazine was above the allowable maximum (20%) on 05-26-26 (WG2218687-5). The %D for pentachlorophenol was above the allowable maximum (20%) on 05-27-26 (WG2219177-3). Positive results for these compounds should be considered estimated (J) in associated samples.

Blanks: The equipment blank contained a trace of benzaldehyde (2.3 ug/L). Positive results for benzaldehyde that are less than 5 times the highest blank level should be reported as not detected (U) in associated aqueous samples.

TCLP method blank WG2218990-1BLANK contained a trace of pyridine (0.95 ug/L). Positive results for pyridine that are less than 5times the highest blank level should be reported as not detected (U) in associated TCLP samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples, TCLP sample, field blank, and equipment blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-105.

Laboratory Control Sample: The percent recoveries (%Rs) for target compounds were within QC limits, but relative percent difference for 4-chloroaniline was above the allowable maximum for aqueous samples WG2217819-2/3. Positive results for 4-chloroaniline should be considered estimated (J) in associated aqueous samples.

The RPDs for target compounds were below the allowable maximum, but 2 of 2 %Rs for pentachlorophenol and pyridine were above QC limits for TCLP samples WG2218990-2/3. Positive results for these compounds should be considered estimated, biased high (J+) in associated TCLP samples.

Field Duplicates: The analyses of aqueous field duplicate pair MW-106/CHA-1 reported target compounds as not detected; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compound and surrogate results were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2217819-2	**Analysis Date** : 05/24/26 10:02	**File ID** : 217819-2
LCSD Sample ID	: WG2217819-3	**Analysis Date** : 05/24/26 10:22	**File ID** : 217819-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Bis(2-chloroethyl)ether	20	12.	58	20	12.	59	2	40-140	30
3,3'-Dichlorobenzidine	20	14.	69	20	14.	68	1	40-140	30
2,4-Dinitrotoluene	20	18.	89	20	18.	89	0	48-143	30
2,6-Dinitrotoluene	20	17.	86	20	18.	88	2	40-140	30
4-Chlorophenyl phenyl ether	20	13.	66	20	13.	64	3	40-140	30
4-Bromophenyl phenyl ether	20	14.	69	20	13.	66	4	40-140	30
Bis(2-chloroisopropyl)ether	20	9.8	49	20	10.	50	2	40-140	30
Bis(2-chloroethoxy)methane	20	11.	56	20	12.	60	7	40-140	30
Hexachlorocyclopentadiene	20	8.8	44	20	9.2	46	4	40-140	30
Isophorone	20	11.	57	20	12.	58	2	40-140	30
Nitrobenzene	20	13.	64	20	12.	62	3	40-140	30
NDPA/DPA	20	12.	60	20	13.	66	10	40-140	30
n-Nitrosodi-n-propylamine	20	12.	59	20	12.	58	2	29-132	30
Bis(2-ethylhexyl)phthalate	20	19.	94	20	18.	92	2	40-140	30
Butyl benzyl phthalate	20	20.	100	20	19.	97	3	40-140	30
Di-n-butylphthalate	20	16.	81	20	16.	79	3	40-140	30
Di-n-octylphthalate	20	20.	100	20	19.	96	4	40-140	30
Diethyl phthalate	20	14.	71	20	14.	71	0	40-140	30
Dimethyl phthalate	20	15.	73	20	15.	73	0	40-140	30
Biphenyl	20	13.	63	20	13.	64	2	40-140	30
4-Chloroaniline	20	13.	66	20	9.6	48	32 Q	40-140	30
2-Nitroaniline	20	19.	97	20	20.	98	1	52-143	30
3-Nitroaniline	20	17.	83	20	15.	76	9	25-145	30
4-Nitroaniline	20	17.	87	20	17.	84	4	51-143	30
Dibenzofuran	20	13.	64	20	13.	64	0	40-140	30
1,2,4,5-Tetrachlorobenzene	20	12.	58	20	12.	59	2	2-134	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Matrix (Level)	: WATER (LOW)		
LCS Sample ID	: WG2217819-2	**Analysis Date** : 05/24/26 10:02	**File ID** : 217819-2
LCSD Sample ID	: WG2217819-3	**Analysis Date** : 05/24/26 10:22	**File ID** : 217819-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R	RPD	Recovery Limits	RPD Limit
Acetophenone	20	14.	68	20	13.	67	1	39-129	30
2,4,6-Trichlorophenol	20	15.	76	20	16.	81	6	30-130	30
p-Chloro-m-cresol	20	15.	75	20	15.	77	3	23-97	30
2-Chlorophenol	20	13.	67	20	13.	66	2	27-123	30
2,4-Dichlorophenol	20	15.	74	20	14.	72	3	30-130	30
2,4-Dimethylphenol	20	12.	62	20	13.	64	3	30-130	30
2-Nitrophenol	20	17.	85	20	17.	86	1	30-130	30
4-Nitrophenol	20	12.	59	20	12.	59	0	10-80	30
2,4-Dinitrophenol	20	17.	85	20	16.	83	2	20-130	30
4,6-Dinitro-o-cresol	20	20.	98	20	20.	100	2	20-164	30
Phenol	20	6.8	34	20	6.9	34	0	12-110	30
2-Methylphenol	20	13.	64	20	13.	65	2	30-130	30
3-Methylphenol/4-Methylphenol	20	12.	62	20	12.	60	3	30-130	30
2,4,5-Trichlorophenol	20	17.	86	20	17.	84	2	30-130	30
Carbazole	20	15.	74	20	14.	73	1	55-144	30
Atrazine	20	16.	78	20	16.	79	1	40-140	30
Benzaldehyde	20	13.	64	20	12.	63	2	40-140	30
Caprolactam	20	4.7	23	20	5.0	25	8	10-130	30
2,3,4,6-Tetrachlorophenol	20	17.	85	20	17.	85	0	40-140	30

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2218990-2	**Analysis Date** : 05/27/26 10:01	**File ID** : 218991-2
LCSD Sample ID	: WG2218990-3	**Analysis Date** : 05/27/26 10:20	**File ID** : 218991-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/l)	Found (ug/l)	%R		True (ug/l)	Found (ug/l)	%R		RPD	Recovery Limits	RPD Limit
Hexachlorobenzene	20	17.	84		20	16.	80		5	40-140	30
2,4-Dinitrotoluene	20	21.	104		20	20.	102		2	48-143	30
Hexachlorobutadiene	20	18.	90		20	18.	90		0	40-140	30
Hexachloroethane	20	15.	75		20	14.	72		4	40-140	30
Nitrobenzene	20	15.	73		20	15.	74		1	40-140	30
2,4,6-Trichlorophenol	20	19.	94		20	19.	94		0	30-130	30
Pentachlorophenol	20	23.	114	Q	20	21.	105	Q	8	9-103	30
2-Methylphenol	20	15.	75		20	14.	70		7	30-130	30
3-Methylphenol/4-Methylphenol	20	15.	75		20	14.	72		4	30-130	30
2,4,5-Trichlorophenol	20	19.	97		20	19.	94		3	30-130	30
Pyridine	20	15.	76	Q	20	14.	69	Q	10	10-66	30

Results Summary
Form 1
TCLP Semivolatiles by EPA 1311

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: WG2218990-1	**Date Collected**	: NA
Client ID	: WG2218990-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/27/26 09:41
Sample Matrix	: SOIL	**Date Extracted**	: 05/26/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 218991-1	**Analyst**	: LJG
Sample Amount	: 100 ml	**Instrument ID**	: SV112
Extraction Method	: EPA 3510C	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: NA
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
118-74-1	Hexachlorobenzene	ND	2.0	0.45	U
121-14-2	2,4-Dinitrotoluene	ND	5.0	0.54	U
87-68-3	Hexachlorobutadiene	ND	2.0	0.36	U
67-72-1	Hexachloroethane	ND	2.0	0.20	U
98-95-3	Nitrobenzene	ND	2.0	0.20	U
88-06-2	2,4,6-Trichlorophenol	ND	5.0	2.1	U
87-86-5	Pentachlorophenol	ND	10	2.5	U
95-48-7	2-Methylphenol	ND	5.0	2.3	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	5.0	1.4	U
95-95-4	2,4,5-Trichlorophenol	ND	5.0	2.1	U
110-86-1	Pyridine	0.95	3.5	0.31	J

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22991**
Calibration dates	**: 01/19/26 15:48 01/20/26 02:13**		

Calibration Files
L1 =AP9L1.D L2 =ABNL2.D L3 =ABNL3.D L4 =ABNL4.D L5 =ABNL5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	t	N-Nitrosodimethylamine	0.485	0.689	0.747	0.714	0.811	0.790	0.779	0.774	0.794	0.732	13.72
3)	t	Pyridine		0.631	1.021	0.997	1.166	1.213	1.222	1.262	1.287	*L	0.9996
4)	S	2-Fluorophenol	0.958	0.987	1.033	1.007	1.091	1.130	1.100	1.100	1.153	1.062	6.40
5)	T	Aniline		1.907	1.989	1.799	1.982	1.907	1.911	1.900	1.890	1.911	3.08
6)	t	2-Chlorophenol	1.033	1.109	1.197	1.140	1.237	1.216	1.219	1.214	1.221	1.176	5.81
7)	S	Phenol-d6	1.243	1.283	1.313	1.260	1.360	1.367	1.365	1.362	1.390	1.327	4.03
8)	T	Phenol	1.507	1.578	1.586	1.522	1.697	1.636	1.639	1.641	1.625	1.603	3.81
9)	T	bis(2-Chloroethyl)ether	1.147	1.222	1.235	1.145	1.224	1.174	1.163	1.149	1.144	1.178	3.23
10)	T	1,3-Dichlorobenzene	1.481	1.464	1.493	1.370	1.428	1.429	1.396	1.376	1.375	1.424	3.33
11)	T	1,4-Dichlorobenzene	1.570	1.536	1.544	1.382	1.423	1.438	1.429	1.386	1.384	1.455	5.15
12)	T	1,2-Dichlorobenzene	1.502	1.434	1.482	1.318	1.381	1.375	1.355	1.321	1.298	1.385	5.28
13)	t	Benzyl alcohol	0.806	0.878	0.944	0.869	1.021	0.992	1.053	1.052	1.042	0.962	9.55
14)	T	bis(2-chloroisopropyl)ether	2.237	2.104	2.186	1.933	2.078	2.074	2.034	1.986	1.932	2.063	5.09
15)	T	2-Methylphenol	1.047	1.021	1.050	1.037	1.096	1.116	1.119	1.124	1.112	1.080	3.78
16)	T	Hexachloroethane	0.550	0.535	0.564	0.540	0.542	0.568	0.538	0.529	0.522	0.543	2.79
17)	T	n-Nitrosodi-n-propylamine	0.784	0.770	0.842	0.777	0.864	0.862	0.893	0.886	0.871	0.839	5.80
18)	T	3-Methylphenol/4-Methylphenol	0.927	1.051	1.080	1.041	1.175	1.172	1.190	1.170	1.151	1.106	7.98
19)	S	Nitrobenzene-d5	0.957	1.094	1.133	1.045	1.182	1.179	1.221	1.241	1.222	1.141	8.27
20)	T	Nitrobenzene	1.055	1.135	1.124	1.100	1.284	1.261	1.308	1.317	1.266	1.205	8.36
21)	T	Isophorone	2.086	2.247	2.276	2.117	2.447	2.273	2.431	2.461	2.416	2.306	6.15
22)	T	2-Nitrophenol		0.358	0.384	0.356	0.451	0.466	0.530	0.552	0.547	0.455	18.17
23)	T	2,4-Dimethylphenol	0.923	0.982	1.139	1.104	1.280	1.210	1.268	1.244	1.229	1.153	11.11
24)	T	bis(2-Chloroethoxy)methane	1.385	1.465	1.429	1.342	1.524	1.458	1.524	1.508	1.454	1.454	4.27
25)	T	2,4-Dichlorophenol	0.576	0.765	0.881	0.865	1.043	1.039	1.094	1.099	1.072	0.937	19.22
26)	T	1,2,4-Trichlorobenzene	1.280	1.345	1.280	1.154	1.247	1.240	1.218	1.205	1.177	1.238	4.72
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde	0.943	0.989	0.995	0.993	1.075	1.143	1.058	1.085	1.085	1.041	6.13
29)	T	Acetophenone	1.357	1.578	1.676	1.672	1.766	1.903	1.765	1.833	1.827	1.709	9.64
30)	T	m-Toluidine	1.314	1.365	1.571	1.587	1.704	1.897	1.782	1.880	1.833	1.659	12.98
31)	T	2-Chloroaniline	1.460	1.242	1.404	1.414	1.502	1.615	1.546	1.603	1.578	1.485	8.07
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)		1,4-Dioxane		0.489	0.554	0.476	0.525	0.480	0.456	0.432	0.447	0.482	8.45
34)	T	n-Decane	1.894	1.826	1.816	1.666	1.749	1.791	1.711	1.697	1.635	1.754	4.81
35)	I	IS1_Naphthalene-d8	----------ISTD----------										
36)	T	Naphthalene	1.125	1.082	1.046	0.965	0.998	1.006	0.988	0.955	0.957	1.014	5.83

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22991**
Calibration dates	**: 01/19/26 15:48 01/20/26 02:13**		

Calibration Files
L1 =AP9L1.D L2 =ABNL2.D L3 =ABNL3.D L4 =ABNL4.D L5 =ABNL5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	T	Benzoic Acid				0.068	0.116	0.136	0.183	0.218	0.233	*L	0.9933
38)	T	4-Chloroaniline	0.115	0.134	0.128	0.131	0.140	0.137	0.144	0.140	0.140	0.134	6.54
39)	T	Hexachlorobutadiene	0.220	0.191	0.217	0.193	0.193	0.201	0.196	0.189	0.189	0.199	5.82
40)	T	p-Chloro-m-cresol		0.195	0.234	0.232	0.279	0.278	0.302	0.298	0.310	0.266	15.45
41)	T	2-Methylnaphthalene	0.642	0.642	0.640	0.588	0.631	0.613	0.628	0.607	0.617	0.623	2.98
42)	T	1-Methylnaphthalene	0.238	0.232	0.234	0.214	0.228	0.222	0.229	0.214	0.219	0.226	3.88
43)	T	Hexachlorocyclopentadiene	0.172	0.190	0.194	0.187	0.202	0.209	0.219	0.215	0.220	0.201	8.22
44)	T	2,4,6-Trichlorophenol		0.156	0.165	0.171	0.198	0.203	0.220	0.221	0.233	0.196	14.75
45)	T	2,4,5-Trichlorophenol		0.152	0.169	0.170	0.217	0.221	0.240	0.243	0.253	0.208	18.64
46)	S	2-Fluorobiphenyl	0.759	0.787	0.774	0.736	0.769	0.741	0.780	0.749	0.765	0.762	2.27
47)	T	2-Chloronaphthalene	0.648	0.665	0.664	0.625	0.668	0.648	0.659	0.658	0.666	0.656	2.07
48)	T	2-Nitroaniline		0.083	0.118	0.119	0.154	0.159	0.191	0.196	0.207	*L	0.9961
49)	T	1,4-Dinitrobenzene					0.065	0.070	0.085	0.091	0.098	0.082	17.24
50)	T	1,3-Dinitrobenzene					0.084	0.083	0.103	0.107	0.116	0.099	14.91
51)	T	Dimethyl phthalate	0.679	0.712	0.729	0.666	0.764	0.715	0.763	0.746	0.780	0.728	5.36
52)	T	Acenaphthylene	0.996	1.036	1.054	0.968	1.095	1.046	1.104	1.084	1.088	1.052	4.44
53)	T	2,6-Dinitrotoluene			0.102	0.101	0.138	0.136	0.155	0.157	0.163	0.136	18.74
54)	T	1,2-Dinitrobenzene			0.046	0.045	0.057	0.060	0.070	0.070	0.073	0.060	19.14
55)	I	IS2_Naphthalene-d8	----------ISTD----------										
56)	T	a-Terpineol	0.262	0.269	0.293	0.283	0.301	0.324	0.309	0.312	0.318	0.297	7.33
57)	T	3-Chloroaniline	0.118	0.128	0.127	0.145	0.150	0.158	0.149	0.153	0.153	0.142	10.03
58)	T	2,6-Dichlorophenol		0.169	0.188	0.214	0.245	0.271	0.259	0.278	0.287	0.239	18.43
59)	T	1-chloro-2-nitrobenzene	0.072	0.092	0.105	0.108	0.116	0.126	0.121	0.132	0.136	0.112	18.39
60)	T	Caprolactam				0.122	0.149	0.177	0.174	0.196	0.196	0.169	17.05
61)	T	1,2,4,5-Tetrachlorobenzene	0.321	0.333	0.342	0.324	0.352	0.352	0.338	0.336	0.348	0.338	3.37
62)	T	Biphenyl	0.733	0.749	0.774	0.788	0.831	0.838	0.796	0.814	0.825	0.794	4.62
63)	I	IS1_Acenaphthene-d10	----------ISTD----------										
64)	T	3-Nitroaniline		0.181	0.227	0.234	0.279	0.297	0.315	0.308	0.332	0.272	19.26
65)	T	Acenaphthene	1.208	1.229	1.150	1.118	1.102	1.101	1.094	1.035	1.066	1.122	5.63
66)	T	2,4-Dinitrophenol			0.044	0.059	0.082	0.097	0.124	0.138	0.156	*Q	0.9986
67)	T	Dibenzofuran	0.252	0.232	0.253	0.256	0.272	0.270	0.283	0.268	0.284	0.263	6.32
68)	T	2,4-Dinitrotoluene			0.239	0.258	0.323	0.334	0.378	0.380	0.405	0.331	19.07
69)	T	4-Nitrophenol			0.172	0.173	0.222	0.234	0.261	0.256	0.277	0.228	18.38
70)	T	2,3,5,6-Tetrachlorophenol		0.191	0.243	0.249	0.296	0.313	0.326	0.321	0.346	0.285	18.50
71)	T	2,3,4,6-Tetrachlorophenol	0.191	0.246	0.241	0.278	0.293	0.319	0.331	0.324	0.349	0.286	18.01
72)	T	Diethyl phthalate	1.309	1.301	1.316	1.259	1.354	1.336	1.362	1.311	1.397	1.327	3.03

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22991**
Calibration dates	**: 01/19/26 15:48 01/20/26 02:13**		

Calibration Files
L1 =AP9L1.D L2 =ABNL2.D L3 =ABNL3.D L4 =ABNL4.D L5 =ABNL5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73)	T	Fluorene	1.505	1.462	1.427	1.393	1.418	1.426	1.416	1.336	1.400	1.420	3.28
74)	T	4-Chlorophenyl-phenylether	0.736	0.742	0.717	0.651	0.678	0.676	0.661	0.632	0.654	0.683	5.78
75)	T	4-Nitroaniline			0.222	0.236	0.277	0.288	0.309	0.303	0.328	0.280	13.85
76)	T	4,6-Dinitro-o-cresol			0.086	0.102	0.134	0.151	0.179	0.194	0.216	*L	0.9932
77)	T	NDPA/DPA	1.133	1.125	1.150	1.109	1.185	1.180	1.150	1.115	1.162	1.146	2.38
78)	T	Azobenzene	1.309	1.271	1.335	1.292	1.375	1.364	1.368	1.287	1.334	1.326	2.88
79)	S	2,4,6-Tribromophenol		0.090	0.117	0.122	0.138	0.150	0.151	0.148	0.172	0.136	18.77
80)	T	4-Bromophenyl-phenylether	0.346	0.361	0.367	0.348	0.360	0.370	0.360	0.346	0.381	0.360	3.28
81)	T	Hexachlorobenzene	0.406	0.397	0.392	0.353	0.360	0.381	0.375	0.357	0.394	0.379	5.09
82)	T	Pentachlorophenol				0.141	0.178	0.207	0.224	0.235	0.271	*L	0.9916
83)	I	IS2_Acenaphthene-d10	----------ISTD----------										
84)	T	Dichloran				0.083	0.103	0.127	0.129	0.161	0.177	*Q	0.9997
85)	T	Pentachloronitrobenzene				0.097	0.119	0.131	0.129	0.150	0.163	0.131	17.68
86)	I	IS3_Acenaphthene-d10	----------ISTD----------										
87)	T	Atrazine	0.228	0.267	0.271	0.279	0.293	0.317	0.336	0.381	0.384	0.306	17.36
88)	I	IS1_Phenanthrene-d10	----------ISTD----------										
89)	T	Phenanthrene	1.221	1.168	1.136	1.098	1.066	1.082	1.060	1.009	1.010	1.095	6.44
90)	T	Anthracene	1.089	1.074	1.062	1.057	1.081	1.085	1.081	1.026	1.035	1.066	2.11
91)	T	Carbazole	0.931	0.982	0.993	0.992	1.020	1.039	1.043	0.984	0.996	0.998	3.40
92)	T	Di-n-butylphthalate		0.853	0.871	0.909	1.045	1.108	1.216	1.189	1.160	1.044	14.15
93)	T	Fluoranthene	1.192	1.197	1.184	1.152	1.216	1.221	1.284	1.214	1.195	1.206	2.99
94)	T	Benzidine			0.530	0.596	0.662	0.794	0.864	0.826	0.837	0.730	18.15
95)	T	Pyrene	1.260	1.287	1.293	1.268	1.295	1.315	1.362	1.266	1.257	1.289	2.58
96)	S	4-Terphenyl-d14	0.821	0.849	0.824	0.810	0.838	0.851	0.895	0.829	0.854	0.841	2.98
97)	T	Butyl benzyl phthalate			0.278	0.312	0.380	0.442	0.518	0.519	0.534	*L	0.9983
98)	I	IS2_Phenanthrene-d10	----------ISTD----------										
99)	T	Diphenamid	0.308	0.317	0.330	0.364	0.437	0.472	0.474	0.491	0.500	0.410	19.48
100)	I	IS3_Phenanthrene-d10	----------ISTD----------										
101)	T	n-Octadecane	0.490	0.501	0.479	0.507	0.498	0.537	0.533	0.528	0.514	0.509	3.93
102)	T	Parathion				0.056	0.058	0.071	0.084	0.105	0.115	*Q	0.9980
103)	T	3,3'-Dimethylbenzidine				0.415	0.495	0.634	0.731	0.801	0.831	*L	0.9978
104)	I	IS1_Chrysene-d12	----------ISTD----------										
105)	T	Benzo[a]anthracene	1.366	1.295	1.280	1.186	1.267	1.272	1.316	1.280	1.257	1.280	3.76
106)	T	3,3'-Dichlorobenzidine		0.274	0.327	0.367	0.421	0.443	0.463	0.465	0.469	0.404	18.08
107)	T	Chrysene	1.439	1.446	1.373	1.288	1.269	1.257	1.245	1.181	1.184	1.298	7.68
108)	T	bis(2-Ethylhexyl)phthalate	0.458	0.443	0.467	0.526	0.675	0.713	0.821	0.803	0.835	*Q	0.9983

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: SV107**	**Ical Ref**	**: ICAL22991**
Calibration dates	**: 01/19/26 15:48 01/20/26 02:13**		

Calibration Files

L1 =AP9L1.D L2 =ABNL2.D L3 =ABNL3.D L4 =ABNL4.D L5 =ABNL5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD	
109)	T	Di-n-octylphthalate			0.695	0.769	1.017	1.166	1.352	1.380	1.426		*L	0.9982
110)	T	Benzo(b)fluoranthene	1.127	1.065	1.090	1.047	1.119	1.189	1.143	1.126	1.171	1.120		4.15
111)	T	Benzo(k)fluoranthene	1.157	1.115	1.167	1.115	1.176	1.184	1.139	1.114	1.129	1.144		2.44
112)	T	Benzo(a)pyrene	0.904	0.945	1.004	1.015	1.067	1.144	1.090	1.069	1.105	1.038		7.49
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	0.827	0.893	0.942	0.949	1.020	1.072	1.034	0.996	1.008	0.971		7.88
115)	T	Dibenzo[a,h]anthracene	0.825	0.908	1.000	0.983	1.052	1.073	1.045	0.992	1.009	0.988		7.86
116)	T	Benzo(g,h,i)perylene	0.943	0.992	1.008	0.990	1.035	1.076	0.997	0.907	0.838	0.976		7.26

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL23019**
Calibration dates	**: 02/01/26 18:29 02/02/26 04:16**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	t	N-Nitrosodimethylamine	0.720	0.682	0.741	0.697	0.698	0.696	0.690	0.677	0.670	0.697	3.18
3)	t	Pyridine	1.428	1.240	1.217	1.069	1.107	1.142	1.150	1.150	1.134	1.182	8.95
4)	S	2-Fluorophenol	1.079	1.078	0.960	0.952	0.960	1.021	1.009	0.980	0.978	1.002	4.89
5)	T	Aniline	1.596	1.925	1.790	1.692	1.857	1.911	1.903	1.800	1.823	1.811	6.00
6)	t	2-Chlorophenol	1.297	1.220	1.172	1.112	1.194	1.234	1.204	1.170	1.181	1.198	4.25
7)	S	Phenol-d6	1.264	1.349	1.284	1.217	1.300	1.338	1.366	1.312	1.336	1.307	3.59
8)	T	Phenol	1.505	1.560	1.474	1.433	1.560	1.617	1.634	1.551	1.601	1.548	4.33
9)	T	bis(2-Chloroethyl)ether	1.017	1.182	1.007	1.012	1.028	1.057	1.058	0.980	1.004	1.038	5.71
10)	T	1,3-Dichlorobenzene	1.643	1.495	1.456	1.322	1.393	1.438	1.403	1.332	1.345	1.425	7.05
11)	T	1,4-Dichlorobenzene	1.494	1.510	1.485	1.345	1.422	1.460	1.436	1.359	1.369	1.431	4.31
12)	T	1,2-Dichlorobenzene	1.484	1.518	1.322	1.254	1.379	1.407	1.373	1.324	1.338	1.378	5.99
13)	t	Benzyl alcohol	0.996	0.915	1.004	1.041	1.069	1.115	1.099	1.076	1.092	1.045	6.10
14)	T	bis(2-chloroisopropyl)ether	1.427	1.716	1.495	1.476	1.491	1.553	1.521	1.449	1.440	1.507	5.82
15)	T	2-Methylphenol	1.069	1.062	1.025	0.958	1.073	1.094	1.094	1.037	1.065	1.053	4.01
16)	T	Hexachloroethane	0.714	0.632	0.632	0.553	0.546	0.567	0.558	0.537	0.544	0.587	10.21
17)	T	n-Nitrosodi-n-propylamine	1.098	0.948	0.918	0.889	0.966	0.994	0.970	0.940	0.945	0.963	6.13
18)	T	3-Methylphenol/4-Methylphenol	1.270	1.065	1.092	1.071	1.163	1.192	1.199	1.132	1.146	1.148	5.84
19)	S	Nitrobenzene-d5	1.432	1.316	1.291	1.261	1.404	1.435	1.416	1.355	1.353	1.362	4.66
20)	T	Nitrobenzene	1.445	1.402	1.486	1.287	1.354	1.455	1.391	1.345	1.360	1.392	4.52
21)	T	Isophorone	2.693	2.514	2.377	2.301	2.533	2.640	2.618	2.480	2.465	2.513	5.01
22)	T	2-Nitrophenol	0.626	0.651	0.566	0.568	0.645	0.681	0.696	0.667	0.662	0.640	7.22
23)	T	2,4-Dimethylphenol	1.209	1.190	1.218	1.182	1.288	1.320	1.302	1.270	1.259	1.249	4.05
24)	T	bis(2-Chloroethoxy)methane	1.465	1.532	1.489	1.403	1.473	1.506	1.546	1.442	1.443	1.477	3.10
25)	T	2,4-Dichlorophenol	1.237	1.151	1.156	1.065	1.192	1.192	1.233	1.174	1.196	1.177	4.38
26)	T	1,2,4-Trichlorobenzene	1.362	1.437	1.344	1.377	1.415	1.456	1.466	1.380	1.397	1.404	3.04
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde	0.917	1.023	0.982	0.916	1.010	1.045	0.981	0.991	1.003	0.985	4.45
29)	T	Acetophenone	1.689	1.755	1.756	1.602	1.771	1.793	1.725	1.746	1.786	1.736	3.42
30)	T	m-Toluidine	1.607	1.491	1.616	1.539	1.765	1.720	1.684	1.714	1.750	1.654	5.81
31)	T	2-Chloroaniline	1.563	1.384	1.528	1.442	1.670	1.592	1.534	1.593	1.621	1.547	5.74
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)	T	1,4-Dioxane		0.379	0.474	0.391	0.359	0.386	0.368	0.355	0.395	0.388	9.69
34)	t	n-Nitrosodieth	0.461	0.439	0.529	0.461	0.452	0.478	0.465	0.495	0.494	0.475	5.75
35)	T	n-Decane	1.705	1.227	1.230	1.058	1.090	1.086	1.037	1.075	1.119	1.181	17.64
36)	t	n-Nitrosopyrro	0.668	0.551	0.573	0.608	0.572	0.621	0.630	0.636	0.647	0.612	6.35

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL23019**
Calibration dates	**: 02/01/26 18:29 02/02/26 04:16**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
37)	I	IS1_Naphthalene-d8	----------ISTD----------										
38)	T	Naphthalene	1.066	1.042	1.009	0.932	0.970	0.969	0.939	0.935	0.958	0.980	4.94
39)	T	Benzoic Acid				0.158	0.182	0.226	0.244	0.260	0.267	0.223	19.62
40)	T	4-Chloroaniline	0.113	0.144	0.125	0.130	0.128	0.132	0.132	0.128	0.133	0.130	6.42
41)	T	Hexachlorobutadiene	0.236	0.234	0.226	0.214	0.221	0.224	0.215	0.214	0.225	0.223	3.69
42)	T	p-Chloro-m-cresol	0.292	0.253	0.302	0.280	0.290	0.290	0.291	0.289	0.295	0.287	4.91
43)	T	2-Methylnaphthalene	0.643	0.673	0.637	0.581	0.620	0.617	0.615	0.610	0.621	0.624	4.07
44)	T	1-Methylnaphthalene	0.245	0.272	0.250	0.235	0.239	0.230	0.227	0.230	0.236	0.240	5.82
45)	T	Hexachlorocyclopentadiene	0.218	0.255	0.271	0.252	0.273	0.285	0.287	0.285	0.295	0.269	8.97
46)	T	2,4,6-Trichlorophenol	0.240	0.268	0.239	0.258	0.252	0.261	0.265	0.266	0.274	0.258	4.75
47)	T	2,4,5-Trichlorophenol	0.266	0.256	0.286	0.277	0.284	0.285	0.294	0.293	0.293	0.282	4.69
48)	S	2-Fluorobiphenyl	0.956	0.888	0.885	0.835	0.831	0.842	0.834	0.824	0.832	0.859	5.04
49)	T	2-Chloronaphthalene	0.681	0.742	0.734	0.690	0.718	0.728	0.733	0.721	0.734	0.720	2.92
50)	T	2-Nitroaniline	0.222	0.195	0.236	0.190	0.226	0.233	0.230	0.231	0.234	0.222	7.70
51)	T	1,4-Dinitrobenzene		0.099	0.072	0.101	0.104	0.103	0.111	0.112	0.110	0.102	12.56
52)	T	1,3-Dinitrobenzene		0.096	0.106	0.106	0.125	0.125	0.126	0.128	0.128	0.117	10.71
53)	T	Dimethyl phthalate	0.962	0.938	0.944	0.889	0.915	0.915	0.912	0.897	0.887	0.918	2.80
54)	T	Acenaphthylene	1.204	1.202	1.212	1.171	1.195	1.215	1.213	1.195	1.190	1.200	1.16
55)	T	2,6-Dinitrotoluene	0.166	0.175	0.180	0.173	0.179	0.190	0.196	0.190	0.189	0.182	5.43
56)	T	1,2-Dinitrobenzene		0.084	0.075	0.079	0.071	0.077	0.076	0.077	0.077	0.077	4.69
57)	I	IS2_Naphthalene-d8	----------ISTD----------										
58)	T	a-Terpineol	0.237	0.242	0.225	0.224	0.252	0.248	0.239	0.247	0.262	0.242	5.12
59)	T	3-Chloroaniline	0.113	0.155	0.148	0.134	0.145	0.148	0.144	0.147	0.155	0.143	8.97
60)	T	2,6-Dichlorophenol	0.314	0.305	0.303	0.289	0.303	0.303	0.297	0.308	0.319	0.305	2.84
61)	T	1-chloro-2-nitrobenzene	0.121	0.157	0.155	0.126	0.140	0.145	0.137	0.144	0.149	0.142	8.56
62)	T	Caprolactam	0.178	0.191	0.172	0.155	0.153	0.152	0.146	0.150	0.154	0.161	9.57
63)	T	1,2,4,5-Tetrachlorobenzene	0.439	0.399	0.399	0.378	0.409	0.409	0.393	0.404	0.410	0.404	4.04
64)	T	Biphenyl	0.855	0.877	0.893	0.832	0.893	0.875	0.834	0.862	0.880	0.867	2.62
65)	I	IS1_Acenaphthene-d10	----------ISTD----------										
66)	T	3-Nitroaniline	0.282	0.299	0.320	0.316	0.332	0.340	0.338	0.325	0.331	0.320	5.92
67)	T	Acenaphthene	1.193	1.081	1.050	1.020	1.040	1.057	1.020	0.987	1.030	1.053	5.57
68)	T	2,4-Dinitrophenol			0.108	0.142	0.165	0.177	0.187	0.189	0.201	0.167	19.30
69)	T	Dibenzofuran	1.935	1.780	1.868	1.729	1.822	1.784	1.746	1.695	1.735	1.788	4.25
70)	T	2,4-Dinitrotoluene	0.352	0.399	0.436	0.397	0.429	0.445	0.442	0.437	0.445	0.420	7.51
71)	T	4-Nitrophenol	0.292	0.233	0.269	0.276	0.280	0.289	0.285	0.274	0.279	0.275	6.35
72)	T	2,3,5,6-Tetrachlorophenol	0.434	0.408	0.371	0.403	0.411	0.410	0.420	0.418	0.429	0.412	4.45

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL23019**
Calibration dates	**: 02/01/26 18:29 02/02/26 04:16**		

Calibration Files
L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D
L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
73)	T	2,3,4,6-Tetrachlorophenol	0.353	0.364	0.414	0.404	0.385	0.414	0.406	0.402	0.411	0.395	5.71
74)	T	Diethyl phthalate	1.474	1.527	1.532	1.463	1.534	1.512	1.458	1.429	1.446	1.486	2.72
75)	T	Fluorene	1.489	1.433	1.491	1.436	1.435	1.412	1.393	1.368	1.424	1.431	2.80
76)	T	4-Chlorophenyl-phenylether	0.786	0.788	0.725	0.688	0.701	0.703	0.693	0.674	0.694	0.717	5.88
77)	T	4-Nitroaniline	0.267	0.316	0.370	0.338	0.364	0.354	0.347	0.332	0.334	0.336	9.19
78)	T	4,6-Dinitro-o-cresol		0.156	0.198	0.197	0.238	0.249	0.254	0.256	0.273	0.228	17.52
79)	T	NDPA/DPA	1.269	1.230	1.244	1.222	1.235	1.241	1.209	1.182	1.203	1.226	2.10
80)	T	Azobenzene	1.609	1.440	1.394	1.356	1.415	1.386	1.350	1.321	1.350	1.402	6.13
81)	S	2,4,6-Tribromophenol	0.238	0.278	0.303	0.284	0.279	0.281	0.283	0.271	0.285	0.278	6.31
82)	T	4-Bromophenyl-phenylether	0.477	0.522	0.507	0.473	0.471	0.480	0.471	0.457	0.471	0.481	4.23
83)	T	Hexachlorobenzene	0.570	0.609	0.617	0.597	0.589	0.583	0.574	0.556	0.580	0.586	3.29
84)	T	Pentachlorophenol	0.329	0.300	0.330	0.347	0.358	0.374	0.380	0.380	0.401	0.356	8.99
85)	I	IS2_Acenaphthene-d10	----------ISTD----------										
86)	T	Dichloran	0.129	0.176	0.211	0.201	0.209	0.223	0.214	0.229	0.239	0.204	16.24
87)	T	Pentachloronitrobenzene	0.148	0.210	0.211	0.189	0.221	0.208	0.205	0.215	0.225	0.204	11.34
88)	I	IS3_Acenaphthene-d10	----------ISTD----------										
89)	T	Atrazine	0.500	0.479	0.453	0.420	0.394	0.413	0.451	0.447	0.470	0.447	7.54
90)	I	IS1_Phenanthrene-d10	----------ISTD----------										
91)	T	Phenanthrene	1.101	1.137	1.080	1.013	1.011	1.034	1.021	0.979	1.004	1.042	5.01
92)	T	Anthracene	1.142	1.061	1.082	0.999	1.034	1.060	1.029	1.002	1.030	1.049	4.22
93)	T	Carbazole	1.027	1.047	1.090	0.981	0.996	1.024	0.993	0.967	0.985	1.012	3.84
94)	T	Di-n-butylphthalate	1.254	1.214	1.192	1.129	1.190	1.221	1.211	1.181	1.192	1.198	2.84
95)	T	Fluoranthene	1.517	1.326	1.352	1.260	1.267	1.304	1.260	1.213	1.233	1.304	7.00
96)	T	Benzidine	0.846	0.838	0.811	0.838	0.863	0.935	0.912	0.875	0.887	0.867	4.54
97)	T	Pyrene	1.562	1.389	1.429	1.286	1.332	1.373	1.332	1.284	1.279	1.363	6.66
98)	S	4-Terphenyl-d14	1.250	1.062	1.081	1.025	1.023	1.052	1.014	0.981	0.993	1.053	7.64
99)	T	Butyl benzyl phthalate	0.630	0.440	0.500	0.477	0.512	0.566	0.569	0.552	0.576	0.536	10.87
100)	I	IS2_Phenanthrene-d10	----------ISTD----------										
101)	T	Diphenamid	0.446	0.467	0.500	0.462	0.492	0.519	0.486	0.506	0.533	0.490	5.75
102)	I	IS3_Phenanthrene-d10	----------ISTD----------										
103)	T	n-Octadecane	0.464	0.433	0.395	0.372	0.350	0.344	0.355	0.354	0.375	0.383	10.80
104)	T	Parathion	0.134	0.106	0.110	0.101	0.096	0.109	0.121	0.136	0.144	0.117	14.57
105)	T	3,3'-Dimethylbenzidine	0.609	0.705	0.708	0.716	0.778	0.862	0.921	0.968	0.968	0.804	16.21
106)	I	IS1_Chrysene-d12	----------ISTD----------										
107)	T	Benzo[a]anthracene	1.637	1.380	1.234	1.269	1.261	1.250	1.251	1.210	1.192	1.298	10.60
108)	T	3,3'-Dichlorobenzidine	0.464	0.530	0.514	0.486	0.508	0.525	0.524	0.511	0.515	0.509	4.11

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: CHA Companies**	**Lab Number**	**: L2630380**
Project Name	**: SYR GATEWAY**	**Project Number**	**: 086328**
Instrument ID	**: DAKOTA**	**Ical Ref**	**: ICAL23019**
Calibration dates	**: 02/01/26 18:29 02/02/26 04:16**		

Calibration Files

L1 =AP9L1.D L2 =AP9L2.D L3 =AP9L3.D L4 =AP9L4.D L5 =AP9L5.D L6 =AP9L6.D L7 =AP9L7.D

L8 =AP9L8.D L9 =AP9L9.D

		Compound	L1	L2	L3	L4	L5	L6	L7	L8	L9	Avg	%RSD
109)	T	Chrysene	1.454	1.275	1.206	1.225	1.192	1.191	1.157	1.105	1.103	1.212	8.75
110)	T	bis(2-Ethylhexyl)phthalate	0.684	0.635	0.642	0.663	0.714	0.747	0.761	0.741	0.759	0.705	7.14
111)	T	Di-n-octylphthalate	1.120	1.114	1.074	1.128	1.238	1.295	1.320	1.289	1.321	1.211	8.32
112)	T	Benzo(b)fluoranthene	1.325	1.285	1.292	1.254	1.275	1.263	1.266	1.219	1.254	1.270	2.31
113)	T	Benzo(k)fluoranthene	1.528	1.468	1.299	1.265	1.228	1.277	1.240	1.164	1.187	1.295	9.51
114)	T	Benzo(a)pyrene	1.385	1.315	1.250	1.231	1.210	1.222	1.199	1.162	1.195	1.241	5.53
115)	I	IS1_Perylene-d12	----------ISTD----------										
116)	T	Indeno(1,2,3-cd)pyrene	1.291	1.238	1.143	1.092	1.134	1.167	1.187	1.142	1.211	1.178	5.15
117)	T	Dibenzo[a,h]anthracene	1.302	1.143	1.102	1.067	1.098	1.116	1.131	1.096	1.134	1.132	6.00
118)	T	Benzo(g,h,i)perylene	1.242	1.219	1.135	1.100	1.111	1.139	1.126	1.080	1.114	1.141	4.76

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: DAKOTA	**Calibration Date**	: 05/25/26 07:51
Lab File ID	: ABN0525	**Init. Calib. Date(s)**	: 02/01/26 02/02/26
Sample No	: WG2218214-3	**Init. Calib. Times**	: 18:29 04:16
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	113	0
n-Nitrosodimethylamine	0.697	0.737	-	-5.7	20	120	0
Pyridine	1.182	1.202	-	-1.7	20	119	0
2-Fluorophenol	1.002	0.981	-	2.1	20	108	0
Aniline	1.811	1.794	-	0.9	20	106	0
2-Chlorophenol	1.198	1.171	-	2.3	20	107	0
Phenol-d6	1.307	1.296	-	0.8	20	109	0
Phenol	1.548	1.539	-	0.6	20	107	0
Bis(2-chloroethyl)ether	1.038	0.975	-	6.1	20	104	0
1,3-Dichlorobenzene	1.425	1.349	-	5.3	20	106	0
1,4-Dichlorobenzene	1.431	1.398	-	2.3	20	108	0
1,2-Dichlorobenzene	1.378	1.368	-	0.7	20	110	0
Benzyl alcohol	1.045	1.054	-	-0.9	20	107	0
Bis(2-chloroisopropyl)ethe	1.507	1.521	-	-0.9	20	110	0
2-Methylphenol	1.053	1.049	-	0.4	20	108	0
Hexachloroethane	0.587	0.565	-	3.7	20	112	0
n-Nitrosodi-n-propylamine	0.963	0.938	-	2.6	20	107	0
3-Methylphenol/4-Methylphe	1.148	1.119	-	2.5	20	106	0
Nitrobenzene-d5	1.362	1.337	-	1.8	20	105	0
Nitrobenzene	1.392	1.395	-	-0.2	20	108	0
Isophorone	2.513	2.306	-	8.2	20	99	0
2-Nitrophenol	0.64	0.645	-	-0.8	20	107	0
2,4-Dimethylphenol	1.249	1.148	-	8.1	20	98	0
Bis(2-chloroethoxy)methane	1.477	1.383	-	6.4	20	104	0
2,4-Dichlorophenol	1.177	1.107	-	5.9	20	105	0
1,2,4-Trichlorobenzene	1.404	1.291	-	8	20	100	0
IS1_Naphthalene-d8	1	1	-	0	20	104	0
Naphthalene	0.98	0.955	-	2.6	20	103	0
Benzoic Acid	0.223	0.192	-	13.9	20	88	0
4-Chloroaniline	0.13	0.141	-	-8.5	20	111	0
Hexachlorobutadiene	0.223	0.216	-	3.1	20	100	0
p-Chloro-m-cresol	0.287	0.272	-	5.2	20	98	0
2-Methylnaphthalene	0.624	0.635	-	-1.8	20	107	0
1-Methylnaphthalene	0.24	0.24	-	0	20	109	0
Hexachlorocyclopentadiene	0.269	0.286	-	-6.3	20	105	0
2,4,6-Trichlorophenol	0.258	0.25	-	3.1	20	100	0
2,4,5-Trichlorophenol	0.282	0.286	-	-1.4	20	104	0
2-Fluorobiphenyl	0.859	0.804	-	6.4	20	99	0
2-Chloronaphthalene	0.72	0.711	-	1.3	20	102	0
2-Nitroaniline	0.222	0.239	-	-7.7	20	107	0
1,4-Dinitrobenzene	0.102	0.103	-	-1	20	104	0
1,3-Dinitrobenzene	0.117	0.119	-	-1.7	20	99	0
Dimethyl phthalate	0.918	1.045	-	-13.8	20	119	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: DAKOTA	**Calibration Date**	: 05/25/26 07:51
Lab File ID	: ABN0525	**Init. Calib. Date(s)**	: 02/01/26 02/02/26
Sample No	: WG2218214-3	**Init. Calib. Times**	: 18:29 04:16
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.2	1.21	-	-0.8	20	104	0
2,6-Dinitrotoluene	0.182	0.186	-	-2.2	20	102	0
1,2-Dinitrobenzene	0.077	0.076	-	1.3	20	104	0
IS1_Acenaphthene-d10	1	1	-	0	20	107	0
3-Nitroaniline	0.32	0.331	-	-3.4	20	104	0
Acenaphthene	1.053	0.988	-	6.2	20	100	0
2,4-Dinitrophenol	0.167	0.195	-	-16.8	20	118	0
Dibenzofuran	1.788	1.695	-	5.2	20	102	0
2,4-Dinitrotoluene	0.42	0.406	-	3.3	20	98	0
4-Nitrophenol	0.275	0.292	-	-6.2	20	109	0
2,3,5,6-Tetrachlorophenol	0.412	0.403	-	2.2	20	105	0
2,3,4,6-Tetrachlorophenol	0.395	0.382	-	3.3	20	99	0
Diethyl phthalate	1.486	1.43	-	3.8	20	101	0
Fluorene	1.431	1.314	-	8.2	20	100	0
4-Chlorophenyl phenyl ethe	0.717	0.653	-	8.9	20	100	0
4-Nitroaniline	0.336	0.363	-	-8	20	110	0
4,6-Dinitro-o-cresol	0.228	0.26	-	-14	20	112	0
NDPA/DPA	1.226	1.126	-	8.2	20	97	0
Azobenzene	1.402	1.363	-	2.8	20	106	0
2,4,6-Tribromophenol	0.278	0.239	-	14	20	91	0
4-Bromophenyl phenyl ether	0.481	0.426	-	11.4	20	95	0
Hexachlorobenzene	0.586	0.515	-	12.1	20	95	0
Pentachlorophenol	0.356	0.333	-	6.5	20	95	0
IS1_Phenanthrene-d10	1	1	-	0	20	103	0
Phenanthrene	1.042	1.002	-	3.8	20	100	0
Anthracene	1.049	0.987	-	5.9	20	96	0
Carbazole	1.012	0.95	-	6.1	20	95	0
Di-n-butylphthalate	1.198	1.135	-	5.3	20	96	0
Fluoranthene	1.304	1.195	-	8.4	20	94	0
Benzidine	0.867	0.755	-	12.9	20	83	0
Pyrene	1.363	1.226	-	10.1	20	92	0
4-Terphenyl-d14	1.053	0.859	-	18.4	20	84	0
Butyl benzyl phthalate	0.536	0.502	-	6.3	20	91	0
IS1_Chrysene-d12	1	1	-	0	20	87	0
Benzo(a)anthracene	1.298	1.229	-	5.3	20	85	0
3,3'-Dichlorobenzidine	0.509	0.477	-	6.3	20	79	0
Chrysene	1.212	1.191	-	1.7	20	87	0
Bis(2-ethylhexyl)phthalate	0.705	0.749	-	-6.2	20	87	0
Di-n-octylphthalate	1.211	1.348	-	-11.3	20	90	0
Benzo(b)fluoranthene	1.27	1.293	-	-1.8	20	89	0
Benzo(k)fluoranthene	1.295	1.285	-	0.8	20	87	0
Benzo(a)pyrene	1.241	1.251	-	-0.8	20	89	0
IS1_Perylene-d12	1	1	-	0	20	90	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: DAKOTA	**Calibration Date**	: 05/25/26 07:51
Lab File ID	: ABN0525	**Init. Calib. Date(s)**	: 02/01/26 02/02/26
Sample No	: WG2218214-3	**Init. Calib. Times**	: 18:29 04:16
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.178	1.066	-	9.5	20	83	0
Dibenzo(a,h)anthracene	1.132	1.114	-	1.6	20	90	0
Benzo(ghi)perylene	1.141	1.107	-	3	20	88	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies		**Lab Number**	: L2630380	
Project Name	: SYR GATEWAY		**Project Number**	: 086328	
Instrument ID	: DAKOTA		**Calibration Date**	: 05/25/26 08:12	
Lab File ID	: AP90525		**Init. Calib. Date(s)**	: 02/01/26	02/02/26
Sample No	: WG2218214-4		**Init. Calib. Times**	: 18:29	04:16
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	142	0
Benzaldehyde	0.985	0.61	-	38.1*	20	83	0
Acetophenone	1.736	1.547	-	10.9	20	122	0
m-Toluidine	1.654	1.136	-	31.3*	20	94	0
2-Chloroaniline	1.547	1.352	-	12.6	20	121	0
IS2_Naphthalene-d8	1	1	-	0	20	136	0
a-Terpineol	0.242	0.244	-	-0.8	20	134	0
3-Chloroaniline	0.143	0.126	-	11.9	20	116	0
2,6-Dichlorophenol	0.305	0.283	-	7.2	20	127	0
1-chloro-2-nitrobenzene	0.142	0.13	-	8.5	20	122	0
Caprolactam	0.161	0.131	-	18.6	20	117	0
1,2,4,5-Tetrachlorobenzene	0.404	0.342	-	15.3	20	114	0
Biphenyl	0.867	0.795	-	8.3	20	123	0
IS2_Acenaphthene-d10	1	1	-	0	20	140	0
Dichloran	0.204	0.176	-	13.7	20	111	0
Pentachloronitrobenzene	0.204	0.182	-	10.8	20	122	0
IS2_Phenanthrene-d10	1	1	-	0	20	135	0
Diphenamid	0.49	0.413	-	15.7	20	108	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: DAKOTA	**Calibration Date**	: 05/25/26 08:32
Lab File ID	: ADP0525	**Init. Calib. Date(s)**	: 02/01/26 02/02/26
Sample No	: WG2218214-5	**Init. Calib. Times**	: 18:29 04:16
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	187	0
1,4-Dioxane	0.388	0.345	-	11.1	20	168	0
n-Decane	1.181	0.98	-	17	20	169	0
IS3_Acenaphthene-d10	1	1	-	0	20	182	0
Atrazine	0.447	0.334	-	25.3*	20	148	0
IS3_Phenanthrene-d10	1	1	-	0	20	169	0
n-Octadecane	0.383	0.305	-	20.4*	20	150	0
Parathion	0.117	0.1	-	14.5	20	155	0
3,3'-Dimethylbenzidine	0.804	0.642	-	20.1*	20	126	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: SV107	**Calibration Date**	: 05/26/26 11:11
Lab File ID	: ABN0526	**Init. Calib. Date(s)**	: 01/19/26 01/20/26
Sample No	: WG2218687-3	**Init. Calib. Times**	: 15:48 02:13
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	102	0
n-Nitrosodimethylamine	0.732	0.666	-	9	20	86	0
Pyridine	5	4.507	-	9.9	20	94	0
2-Fluorophenol	1.062	1.006	-	5.3	20	91	0
Aniline	1.911	1.606	-	16	20	86	0
2-Chlorophenol	1.176	1.159	-	1.4	20	98	0
Phenol-d6	1.327	1.122	-	15.4	20	84	0
Phenol	1.603	1.335	-	16.7	20	84	0
Bis(2-chloroethyl)ether	1.178	0.958	-	18.7	20	84	0
1,3-Dichlorobenzene	1.424	1.387	-	2.6	20	99	0
1,4-Dichlorobenzene	1.455	1.403	-	3.6	20	100	0
1,2-Dichlorobenzene	1.385	1.336	-	3.5	20	99	0
Benzyl alcohol	0.962	0.858	-	10.8	20	89	0
Bis(2-chloroisopropyl)ethe	2.063	1.565	-	24.1*	20	77	0
2-Methylphenol	1.08	0.969	-	10.3	20	89	0
Hexachloroethane	0.543	0.471	-	13.3	20	85	0
n-Nitrosodi-n-propylamine	0.839	0.739	-	11.9	20	88	0
3-Methylphenol/4-Methylphe	1.106	1.039	-	6.1	20	91	0
Nitrobenzene-d5	1.141	1.116	-	2.2	20	97	0
Nitrobenzene	1.205	1.047	-	13.1	20	85	0
Isophorone	2.306	1.798	-	22*	20	81	0
2-Nitrophenol	0.455	0.612	-	-34.5*	20	134	0
2,4-Dimethylphenol	1.153	1.086	-	5.8	20	92	0
Bis(2-chloroethoxy)methane	1.454	1.231	-	15.3	20	86	0
2,4-Dichlorophenol	0.937	1.047	-	-11.7	20	103	0
1,2,4-Trichlorobenzene	1.238	1.292	-	-4.4	20	107	0
IS1_Naphthalene-d8	1	1	-	0	20	98	0
Naphthalene	1.014	0.915	-	9.8	20	89	0
Benzoic Acid	5	4.177	-	16.5	20	103	0
4-Chloroaniline	0.134	0.12	-	10.4	20	85	0
Hexachlorobutadiene	0.199	0.21	-	-5.5	20	102	0
p-Chloro-m-cresol	0.266	0.266	-	0	20	93	0
2-Methylnaphthalene	0.623	0.621	-	0.3	20	99	0
1-Methylnaphthalene	0.226	0.22	-	2.7	20	97	0
Hexachlorocyclopentadiene	0.201	0.262	-	-30.3*	20	123	0
2,4,6-Trichlorophenol	0.196	0.249	-	-27*	20	120	0
2,4,5-Trichlorophenol	0.208	0.273	-	-31.3*	20	121	0
2-Fluorobiphenyl	0.762	0.859	-	-12.7	20	113	0
2-Chloronaphthalene	0.656	0.671	-	-2.3	20	101	0
2-Nitroaniline	5	5.14	-	-2.8	20	121	0
1,4-Dinitrobenzene	0.082	0.113	-	-37.8*	20	159	0
1,3-Dinitrobenzene	0.099	0.126	-	-27.3*	20	148	0
Dimethyl phthalate	0.728	0.784	-	-7.7	20	107	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380		
Project Name	: SYR GATEWAY	**Project Number**	: 086328		
Instrument ID	: SV107	**Calibration Date**	: 05/26/26 11:11		
Lab File ID	: ABN0526	**Init. Calib. Date(s)**	: 01/19/26	01/20/26	
Sample No	: WG2218687-3	**Init. Calib. Times**	: 15:48	02:13	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.052	1.084	-	-3	20	101	0
2,6-Dinitrotoluene	0.136	0.169	-	-24.3*	20	122	0
1,2-Dinitrobenzene	0.06	0.084	-	-40*	20	136	0
IS1_Acenaphthene-d10	1	1	-	0	20	116	0
3-Nitroaniline	0.272	0.287	-	-5.5	20	112	0
Acenaphthene	1.122	0.936	-	16.6	20	99	0
2,4-Dinitrophenol	5	7.654	-	-53.1*	20	211	0
Dibenzofuran	0.263	0.247	-	6.1	20	106	0
2,4-Dinitrotoluene	0.331	0.37	-	-11.8	20	129	0
4-Nitrophenol	0.228	0.238	-	-4.4	20	118	0
2,3,5,6-Tetrachlorophenol	0.285	0.372	-	-30.5*	20	138	0
2,3,4,6-Tetrachlorophenol	0.286	0.359	-	-25.5*	20	130	0
Diethyl phthalate	1.327	1.149	-	13.4	20	100	0
Fluorene	1.42	1.246	-	12.3	20	101	0
4-Chlorophenyl phenyl ethe	0.683	0.655	-	4.1	20	112	0
4-Nitroaniline	0.28	0.28	-	0	20	113	0
4,6-Dinitro-o-cresol	5	6.318	-	-26.4*	20	184	0
NDPA/DPA	1.146	1.132	-	1.2	20	111	0
Azobenzene	1.326	1.023	-	22.9*	20	87	0
2,4,6-Tribromophenol	0.136	0.169	-	-24.3*	20	131	0
4-Bromophenyl phenyl ether	0.36	0.35	-	2.8	20	110	0
Hexachlorobenzene	0.379	0.356	-	6.1	20	108	0
Pentachlorophenol	5	5.534	-	-10.7	20	138	0
IS1_Phenanthrene-d10	1	1	-	0	20	115	0
Phenanthrene	1.095	0.964	-	12	20	103	0
Anthracene	1.066	0.973	-	8.7	20	103	0
Carbazole	0.998	0.963	-	3.5	20	107	0
Di-n-butylphthalate	1.044	0.99	-	5.2	20	103	0
Fluoranthene	1.206	1.159	-	3.9	20	109	0
Benzidine	0.73	0.713	-	2.3	20	103	0
Pyrene	1.289	1.21	-	6.1	20	106	0
4-Terphenyl-d14	0.841	0.899	-	-6.9	20	122	0
Butyl benzyl phthalate	5	4.426	-	11.5	20	112	0
IS1_Chrysene-d12	1	1	-	0	20	109	0
Benzo(a)anthracene	1.28	1.279	-	0.1	20	109	0
3,3'-Dichlorobenzidine	0.404	0.457	-	-13.1	20	112	0
Chrysene	1.298	1.235	-	4.9	20	107	0
Bis(2-ethylhexyl)phthalate	5	4.537	-	9.3	20	109	0
Di-n-octylphthalate	5	4.671	-	6.6	20	113	0
Benzo(b)fluoranthene	1.12	1.292	-	-15.4	20	118	0
Benzo(k)fluoranthene	1.144	1.211	-	-5.9	20	111	0
Benzo(a)pyrene	1.038	1.165	-	-12.2	20	111	0
IS1_Perylene-d12	1	1	-	0	20	123	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: SV107	**Calibration Date**	: 05/26/26 11:11
Lab File ID	: ABN0526	**Init. Calib. Date(s)**	: 01/19/26 01/20/26
Sample No	: WG2218687-3	**Init. Calib. Times**	: 15:48 02:13
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	0.971	0.99	-	-2	20	114	0
Dibenzo(a,h)anthracene	0.988	1.013	-	-2.5	20	116	0
Benzo(ghi)perylene	0.976	1.005	-	-3	20	115	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: SV107	**Calibration Date**	: 05/26/26 11:34
Lab File ID	: AP90526	**Init. Calib. Date(s)**	: 01/19/26 01/20/26
Sample No	: WG2218687-4	**Init. Calib. Times**	: 15:48 02:13
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
Benzaldehyde	1.041	0.802	-	23*	20	69	0
Acetophenone	1.709	1.564	-	8.5	20	81	0
m-Toluidine	1.659	1.429	-	13.9	20	75	0
2-Chloroaniline	1.485	1.466	-	1.3	20	90	0
IS2_Naphthalene-d8	1	1	-	0	20	95	0
a-Terpineol	0.297	0.305	-	-2.7	20	90	0
3-Chloroaniline	0.142	0.127	-	10.6	20	77	0
2,6-Dichlorophenol	0.239	0.299	-	-25.1*	20	105	0
1-chloro-2-nitrobenzene	0.112	0.135	-	-20.5*	20	103	0
Caprolactam	0.169	0.158	-	6.5	20	85	0
1,2,4,5-Tetrachlorobenzene	0.338	0.412	-	-21.9*	20	112	0
Biphenyl	0.794	0.859	-	-8.2	20	98	0
IS2_Acenaphthene-d10	1	1	-	0	20	117	0
Dichloran	5	6.408	-	-28.2*	20	156	0
Pentachloronitrobenzene	0.131	0.158	-	-20.6*	20	142	0
IS2_Phenanthrene-d10	1	1	-	0	20	116	0
Diphenamid	0.41	0.466	-	-13.7	20	115	0

*** Value outside of QC limits.**

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: SV107	**Calibration Date**	: 05/26/26 11:57
Lab File ID	: ADP0526	**Init. Calib. Date(s)**	: 01/19/26 01/20/26
Sample No	: WG2218687-5	**Init. Calib. Times**	: 15:48 02:13
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0
1,4-Dioxane	0.482	0.464	-	3.7	20	102	0
n-Decane	1.754	1.461	-	16.7	20	86	0
IS3_Acenaphthene-d10	1	1	-	0	20	115	0
Atrazine	0.306	0.378	-	-23.5*	20	137	0
IS3_Phenanthrene-d10	1	1	-	0	20	114	0
n-Octadecane	0.509	0.434	-	14.7	20	93	0
Parathion	5	5.218	-	-4.4	20	134	0
3,3'-Dimethylbenzidine	5	4.92	-	1.6	20	125	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380		
Project Name	: SYR GATEWAY	**Project Number**	: 086328		
Instrument ID	: SV112	**Calibration Date**	: 05/27/26 07:44		
Lab File ID	: ABN0527	**Init. Calib. Date(s)**	: 02/07/26	02/07/26	
Sample No	: WG2219177-3	**Init. Calib. Times**	: 00:29	09:48	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	86	0
n-Nitrosodimethylamine	0.687	0.653	-	4.9	20	75	0
Pyridine	1.096	1.084	-	1.1	20	84	0
2-Fluorophenol	0.997	1.04	-	-4.3	20	91	0
Aniline	1.859	1.708	-	8.1	20	76	0
2-Chlorophenol	1.181	1.221	-	-3.4	20	87	0
Phenol-d6	1.329	1.176	-	11.5	20	73	0
Phenol	1.529	1.298	-	15.1	20	68	0
Bis(2-chloroethyl)ether	1.126	0.905	-	19.6	20	67	0
1,3-Dichlorobenzene	1.422	1.455	-	-2.3	20	88	0
1,4-Dichlorobenzene	1.454	1.449	-	0.3	20	85	0
1,2-Dichlorobenzene	1.389	1.406	-	-1.2	20	87	0
Benzyl alcohol	0.981	0.902	-	8.1	20	74	0
Bis(2-chloroisopropyl)ethe	1.675	1.077	-	35.7*	20	54	0
2-Methylphenol	1.037	1.023	-	1.4	20	80	0
Hexachloroethane	0.522	0.474	-	9.2	20	77	0
n-Nitrosodi-n-propylamine	0.894	0.723	-	19.1	20	64	0
3-Methylphenol/4-Methylphe	1.112	1.072	-	3.6	20	78	0
Nitrobenzene-d5	1.142	1.13	-	1.1	20	82	0
Nitrobenzene	1.172	1.05	-	10.4	20	71	0
Isophorone	2.548	1.923	-	24.5*	20	61	0
2-Nitrophenol	0.511	0.699	-	-36.8*	20	113	0
2,4-Dimethylphenol	1.225	1.184	-	3.3	20	81	0
Bis(2-chloroethoxy)methane	1.578	1.229	-	22.1*	20	64	0
2,4-Dichlorophenol	1.159	1.181	-	-1.9	20	82	0
1,2,4-Trichlorobenzene	1.442	1.413	-	2	20	84	0
IS1_Naphthalene-d8	1	1	-	0	20	79	0
Naphthalene	0.971	0.917	-	5.6	20	73	0
Benzoic Acid	0.2	0.243	-	-21.5*	20	105	0
4-Chloroaniline	0.128	0.114	-	10.9	20	68	0
Hexachlorobutadiene	0.237	0.249	-	-5.1	20	83	0
p-Chloro-m-cresol	0.287	0.298	-	-3.8	20	76	0
2-Methylnaphthalene	0.657	0.64	-	2.6	20	76	0
1-Methylnaphthalene	0.238	0.235	-	1.3	20	76	0
Hexachlorocyclopentadiene	0.275	0.335	-	-21.8*	20	93	0
2,4,6-Trichlorophenol	0.26	0.297	-	-14.2	20	85	0
2,4,5-Trichlorophenol	0.279	0.309	-	-10.8	20	82	0
2-Fluorobiphenyl	0.908	0.874	-	3.7	20	76	0
2-Chloronaphthalene	0.761	0.679	-	10.8	20	69	0
2-Nitroaniline	0.183	0.236	-	-29*	20	93	0
1,4-Dinitrobenzene	0.089	0.128	-	-43.8*	20	108	0
1,3-Dinitrobenzene	0.108	0.134	-	-24.1*	20	93	0
Dimethyl phthalate	0.979	0.876	-	10.5	20	67	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: SV112	**Calibration Date**	: 05/27/26 07:44
Lab File ID	: ABN0527	**Init. Calib. Date(s)**	: 02/07/26 02/07/26
Sample No	: WG2219177-3	**Init. Calib. Times**	: 00:29 09:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.224	1.124	-	8.2	20	70	0
2,6-Dinitrotoluene	0.167	0.184	-	-10.2	20	77	0
1,2-Dinitrobenzene	0.072	0.085	-	-18.1	20	87	0
IS1_Acenaphthene-d10	1	1	-	0	20	76	0
3-Nitroaniline	0.273	0.319	-	-16.8	20	80	0
Acenaphthene	1.05	0.953	-	9.2	20	69	0
2,4-Dinitrophenol	0.13	0.202	-	-55.4*	20	112	0
Dibenzofuran	1.793	1.715	-	4.4	20	73	0
2,4-Dinitrotoluene	0.344	0.411	-	-19.5	20	82	0
4-Nitrophenol	0.207	0.244	-	-17.9	20	82	0
2,3,5,6-Tetrachlorophenol	0.38	0.476	-	-25.3*	20	90	0
2,3,4,6-Tetrachlorophenol	0.374	0.448	-	-19.8	20	85	0
Diethyl phthalate	1.51	1.316	-	12.8	20	64	0
Fluorene	1.453	1.288	-	11.4	20	67	0
4-Chlorophenyl phenyl ethe	0.747	0.681	-	8.8	20	71	0
4-Nitroaniline	0.275	0.321	-	-16.7	20	79	0
4,6-Dinitro-o-cresol	0.184	0.286	-	-55.4*	20	112	0
NDPA/DPA	1.25	1.174	-	6.1	20	70	0
Azobenzene	1.307	1.028	-	21.3*	20	58	0
2,4,6-Tribromophenol	0.254	0.278	-	-9.4	20	79	0
4-Bromophenyl phenyl ether	0.505	0.461	-	8.7	20	70	0
Hexachlorobenzene	0.617	0.531	-	13.9	20	67	0
Pentachlorophenol	0.325	0.417	-	-28.3*	20	89	0
IS1_Phenanthrene-d10	1	1	-	0	20	71	0
Phenanthrene	1.012	0.926	-	8.5	20	64	0
Anthracene	1.022	0.957	-	6.4	20	64	0
Carbazole	0.958	0.942	-	1.7	20	67	0
Di-n-butylphthalate	1.062	1.008	-	5.1	20	60	0
Fluoranthene	1.26	1.194	-	5.2	20	64	0
Benzidine	0.785	0.783	-	0.3	20	64	0
Pyrene	1.321	1.208	-	8.6	20	63	0
4-Terphenyl-d14	1.039	0.988	-	4.9	20	67	0
Butyl benzyl phthalate	0.422	0.456	-	-8.1	20	67	0
IS1_Chrysene-d12	1	1	-	0	20	64	0
Benzo(a)anthracene	1.232	1.229	-	0.2	20	63	0
3,3'-Dichlorobenzidine	0.479	0.507	-	-5.8	20	63	0
Chrysene	1.144	1.151	-	-0.6	20	65	0
Bis(2-ethylhexyl)phthalate	0.594	0.625	-	-5.2	20	59	0
Di-n-octylphthalate	0.991	1.076	-	-8.6	20	59	0
Benzo(b)fluoranthene	1.265	1.295	-	-2.4	20	62	0
Benzo(k)fluoranthene	1.205	1.264	-	-4.9	20	68	0
Benzo(a)pyrene	1.183	1.232	-	-4.1	20	65	0
IS1_Perylene-d12	1	1	-	0	20	70	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: SV112	**Calibration Date**	: 05/27/26 07:44
Lab File ID	: ABN0527	**Init. Calib. Date(s)**	: 02/07/26 02/07/26
Sample No	: WG2219177-3	**Init. Calib. Times**	: 00:29 09:48
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.15	1.148	-	0.2	20	70	0
Dibenzo(a,h)anthracene	1.064	1.12	-	-5.3	20	71	0
Benzo(ghi)perylene	1.058	1.161	-	-9.7	20	76	0

* Value outside of QC limits.

SVOC SIM Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270E SIM Semi-Volatiles
Data for Pace Analytical Services SDG Number: L2630380

2 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Equipment Blank
Collected May 18, 2026

Prepared by: Donald Anné
July 27, 2026

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 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 target compounds were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: Method blank WG2217820-1BLANK contained traces of naphthalene (0.04 ug/L) and benzo(a)anthracene (0.03 ug/L). The field blank contained traces of fluoranthene (0.08 ug/L), benzo(a)pyrene (0.03 ug/L), benzo(b)fluoranthene (0.05 ug/L), chrysene (0.04 ug/L), and pyrene (0.06 ug/L). The equipment blank contained traces of 2-methylnaphthalene (0.04 ug/L), and hexachlorobenzene (0.03 ug/L). Positive results for these compounds that are less than 5 times the highest blank level should be reported as not detected (U) in associated samples.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples, field blank, and equipment blank.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-105.

679 Plank Road ● Clifton Park, New York 12065 ● (518) 348-6995 ● Fax (518) 348-6966
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Laboratory Control Sample: The relative percent differences for target compounds were below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2217820-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-106/CHA-1 reported target compounds as either not detected or below the lowest standard; therefore, valid relative percent differences could not be calculated. The analyses for the field duplicate pair were acceptable.

Compound ID: Checked compounds were within GC/MS quantitation limits. The mass spectra for detected compounds contained the primary and secondary ions, as outlined in the method.

Results Summary
Form 1
Semivolatile Organics by GC/MS-SIM

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Lab ID	: WG2217820-1	**Date Collected**	: NA
Client ID	: WG2217820-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 05/23/26 17:13
Sample Matrix	: WATER	**Date Extracted**	: 05/23/26
Analytical Method	: 1,8270E-SIM	**Dilution Factor**	: 1
Lab File ID	: 217820-1	**Analyst**	: RP
Sample Amount	: 100 ml	**Instrument ID**	: SV118
Extraction Method	: EPA 3510C	**GC Column**	: RXI-5SilM
Extract Volume	: 1000 uL	**%Solids**	: N/A
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/L			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
83-32-9	Acenaphthene	ND	0.10	0.02	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.03	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.02	U
91-20-3	Naphthalene	0.04	0.10	0.02	J
56-55-3	Benzo(a)anthracene	0.03	0.10	0.03	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.03	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.03	U
218-01-9	Chrysene	ND	0.10	0.03	U
208-96-8	Acenaphthylene	ND	0.10	0.02	U
120-12-7	Anthracene	ND	0.10	0.02	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.02	U
86-73-7	Fluorene	ND	0.10	0.03	U
85-01-8	Phenanthrene	ND	0.10	0.04	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.02	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.02	U
129-00-0	Pyrene	ND	0.10	0.04	U
91-57-6	2-Methylnaphthalene	ND	0.10	0.03	U
87-86-5	Pentachlorophenol	ND	0.80	0.06	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.02	U

1,4-Dioxane

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 8270D SIM 1,4-Dioxane
Data for Pace Analytical Services, SDG Number: L2630380

2 Ground Water Samples, 1 Field Duplicate,
1 Field Blank, and 1 Equipment Blank
Collected May 18, 2026

Prepared by: Donald Anné
July 27, 2026

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Initial Calibration: The average RRF for 1,4-dioxane was above the allowable minimum (0.010) and the %RSD was below the allowable maximum (30%), as required.

Continuing Calibration: The RRFs for 1,4-dioxane were above the allowable minimum (0.010) and the %Ds were below the allowable maximum (20%), as required.

Blanks: The analyses of the method, field, and equipment blanks reported 1,4-dioxane as not detected.

Internal Standard Area Summary: The internal standard areas and retention times were within control limits.

Surrogate Recovery: The surrogate recoveries were within control limits for the ground water samples, field blank, and equipment blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-105.

Laboratory Control Sample: The relative percent difference for 1,4-dioxane was below the allowable maximum and the percent recoveries were within QC limits for aqueous samples WG2218256-2/3.

Field Duplicates: The relative percent difference for 1,4-dioxane was below the allowable maximum (20%) for aqueous field duplicate pair MW-106/CHA-1 (attached table), as required.

Compound ID: Checked surrogate and 1,4-dioxane results were within quantitation limits.

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Pesticide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8081B TCLP Pesticide
Data for Pace Analytical Services
SDG Number: L2630380

1 Soil Sample
Collected May 18, 2026

Prepared by: Donald Anné
July 27, 2026

Holding Times: The sample was prepared, extracted, and analyzed within USEPA SW-846 holding times.

Blanks: The analysis of the method blank reported TCLP pesticides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both columns for the TCLP sample.

Laboratory Control Sample: The relative percent differences for TCLP pesticides were below the allowable maximum and the percent recoveries were within QC limits for TCLP samples WG2218992-2/3.

Initial Calibration: The %RSDs were below the allowable maximum (20%) or the correlation coefficients were above the allowable minimum (0.995) for TCLP pesticides on both columns, as required.

Continuing Calibration: The %D for endrin was above the allowable maximum (20%) for channel A on 05-27-26 (20260527b-03). Positive results for endrin should be considered estimated (J) in associated samples.

DDT/Endrin Breakdown Check: The percent breakdowns were below the allowable maximum (20%) for 4,4'-DDT and endrin, as required.

Pesticide Identification Summary for Single Component Analytes: Checked surrogate results were within quantitation limits. The analysis of the soil sample reported TCLP single component pesticides as not detected.

Pesticide Identification Summary for Multi-Component Analytes: The analysis of soil sample reported TCLP multi-component pesticides as not detected.

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Calibration Verification Summary
Form 7
Pesticides

Client	: CHA Companies		**Lab Number**	: L2630380	
Project Name	: SYR GATEWAY		**Project Number**	: 086328	
Instrument ID	: PEST20		**Calibration Date**	: 05/27/26 08:30	
Lab File ID	: 20260527b-03		**Init. Calib. Date(s)**	: 04/23/26	04/23/26
Sample No	: WG2219213-1		**Init. Calib. Times**	: 12:27	17:44
Channel	: A				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1-br-2-nb_Pesticides	1	1	-	0	20	114	0
2,4,5,6-Tetrachloro-m-xylen	1.226	1.276	-	-4.1	20	131	0
Hexachlorobenzene	1.32	1.531	-	-16	20	156	0
alpha-BHC	1.623	1.774	-	-9.3	20	137	0
gamma-BHC (lindane)	1.565	1.628	-	-4	20	139	0
beta-BHC	0.703	0.714	-	-1.6	20	134	0
delta-BHC	1.475	1.588	-	-7.7	20	138	0
Heptachlor	1.532	1.77	-	-15.5	20	152	0
Aldrin	1.42	1.678	-	-18.2	20	153	0
Alachlor	0.241	0.243	-	-0.8	20	135	0
Chlorpyrifos	50	60.85	-	-21.7*	20	135	0
Heptachlor Epoxide	1.284	1.49	-	-16	20	153	0
gamma-Chlordane (trans)	1.403	1.659	-	-18.2	20	152	0
alpha-Chlordane (cis)	1.381	1.609	-	-16.5	20	152	0
4,4'-DDE	1.374	1.639	-	-19.3	20	151	0
Endosulfan I	1.289	1.464	-	-13.6	20	148	0
Dieldrin	1.461	1.654	-	-13.2	20	155	0
Endrin	1.371	1.646	-	-20.1*	20	154	0
4,4'-DDD	1.184	1.389	-	-17.3	20	150	0
Endosulfan II	1.215	1.186	-	2.4	20	127	0
4,4'-DDT	1.274	1.53	-	-20.1*	20	153	0
Endrin Aldehyde	0.95	1.102	-	-16	20	146	0
Methoxychlor	0.766	0.832	-	-8.6	20	141	0
Mirex	50	63.896	-	-27.8*	20	142	0
Endosulfan Sulfate	1.215	1.271	-	-4.6	20	140	0
Endrin Ketone	1.369	1.541	-	-12.6	20	145	0
Decachlorobiphenyl	1.205	1.188	-	1.4	20	131	0

* Value outside of QC limits.

PCB Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8082A PCB Data
for Pace Analytical Services
SDG Number: L2630380

2 Ground Water Samples, 1 Field Duplicate, 1 Soil Sample,
1 Field Blank, and 1 Equipment Blank
Collected May 18, 2026

Prepared by: Donald Anné
July 27, 2026

Holding Times: The samples were extracted and analyzed within USEPA SW-846 holding times.

Blanks: The analyses of the method, field, and equipment blanks reported target aroclors as not detected.

Surrogate Recovery: One of two surrogate recoveries for the equipment blank was below QC limits, but not below 10% on one columns. No action is taken on one surrogate recovery outside QC limits on one column, provided the recovery is not less than 10%.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-105.

Laboratory Control Sample: The relative percent differences for aroclor 1016 and aroclor 1260 were below the allowable maximums and percent recoveries were within QC limits for soil samples WG2218186-2/3 and aqueous samples WG2218425-2/3.

Field Duplicates: The analyses of aqueous field duplicate pair MW-106/CHA-1 reported target aroclors as not detected; therefore, valid relative percent differences could not be calculated. The analyses for aqueous field duplicate pair were acceptable.

Initial Calibration: The average %RSDs for target aroclors were below the allowable maximum (20%) on both columns, as required.

Continuing Calibration: The average %Ds for aroclor 1016 and aroclor 1260 were below the allowable maximum (20%) for both columns, as required

PCB Identification Summary: The checked surrogate results were within GC quantitation limits. The analyses of the ground water and soil samples reported target aroclors as not detected.

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Surrogate Recovery Summary
Form 2
PCBs

Client: CHA Companies
Project Name: SYR GATEWAY

Lab Number: L2630380
Project Number: 086328
Matrix: Water

GC Column 1: CLP-Pesticide
GC Column 2: CLP-PesticideII

CLIENT ID (LAB SAMPLE NO.)	TCX 1 %REC	TCX 2 %REC	DCB 1 %REC	DCB 2 %REC	OTHER (1)	OTHER (2)	TOT OUT
MW-105 (L2630380-01)	59	64	52	58			0
MW-106 (L2630380-02)	58	61	58	62			0
CHA-1 (L2630380-03)	66	71	63	69			0
FIELD BLANK (L2630380-05)	58	61	36	38			0
EQUIPMENT BLANK (L2630380-06)	62	66	27*	30			1
WG2218425-1BLANK	51	57	52	58			0
WG2218425-2LCS	55	61	54	67			0
WG2218425-3LCSD	60	68	58	57			0
MW-105MS	71	78	69	75			0
MW-105MSD	63	72	61	74			0

QC LIMITS
(30-150) TCX = 2,4,5,6-TETRACHLORO-M-XYLENE
(30-150) DCBP = DECACHLOROBIPHENYL

*** Values outside of QC limits**

FORM II NYTCL-8082-RVT

PFAS

Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Method 1633 PFAS Data for
Pace Analytical Services SDG Number: L2630380

2 Ground Water Samples, 1 Field Duplicate,
1 Equipment Blank, and 1 Field Blank
Collected May 18, 2026

Prepared by: Donald Anné
July 27, 2026

Holding Times: The samples were analyzed within USEPA holding times.

Initial Calibration: The %RSDs for applicable PFASs were below the method maximum (20%) or the R or R squared were above the method minimums, as required.

Continuing Calibration: The percent recoveries for applicable PFASs were within QC limits (70-130%), as required.

Blanks: The analyses of the method, equipment, and field blanks reported target PFAS as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits for the ground water samples, field blank, and equipment blank.

Matrix Spike/Matrix Spike Duplicate: The relative percent differences for target PFAS were below the allowable maximum and the percent recoveries were within QC limits for aqueous MS/MSD sample MW-105.

Laboratory Control Sample: The percent recoveries for target PFAS were within QC limits for aqueous samples WG2221193-2/3.

Field Duplicates: The relative percent differences for applicable PFAS were below the allowable maximum (20%) for aqueous field duplicate pair MW-106/CHA-1 (attached table), as required.

Compound ID: Checked PFAS and surrogate results were within LC quantitation limits.

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Herbicide Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of 8151 TCLP Herbicide
Data for Pace Analytical Services
SDG Number: L2630380

1 Soil Sample
Collected May 18, 2026

Prepared by: Donald Anné
July 27, 2026

Holding Times: The sample was prepared, extracted, and analyzed within USEPA SW 846 holding times.

Blanks: The analysis of the method blank reported target herbicides as not detected.

Surrogate Recovery: The surrogate recoveries were within QC limits on both column for the soil sample.

Laboratory Control Sample: The relative percent difference for TCLP herbicides were below the allowable maximum and the percent recoveries were within QC limits for TCLP samples WG2218778-2/3.

Initial Calibration: The %RSDs for TCLP herbicides were below the allowable maximum (20%) for both columns, as required.

Continuing Calibration: The %Ds for TCLP herbicides were below the allowable maximum (15%) for both channels, as required.

Herbicide Identification Summary: Checked surrogates were within GC quantitation limits. The analysis of soil sample reported TCLP herbicides as not detected.

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Metals Data Section

ALPHA GEOSCIENCE

Geology
Hydrology
Remediation
Water Supply

QA/QC Review of Metals Data for
Pace Analytical Services
SDG Number: L2630380

1 TCLP Sample, 2 Ground Water Samples, 1 Field Duplicate,
1 Equipment Blank, and 1 Field Blank
Collected May 18, 2026

Prepared by: Donald Anné
July 27, 2026

Holding Times: The samples were prepared and analyzed within USEPA SW-846 holding times.

Initial and Continuing Calibration Verification: The percent recoveries for selenium and zinc were above control limits (90-110%), but not above 150% for ICV (R2112567-3). Positive results for selenium and zinc should be considered estimated biased high (J+) in associated samples. (Samples should have been re-analyzed with a method compliant initial calibration).

Blanks: The analyses of initial and continuing calibration and method blanks reported target metals as either not detected or below the reporting limits, as required.

The equipment blank (this blank has an unacceptable number of detected metals) contained aluminum (0.0236 mg/L), barium (0.00328 mg/L), calcium (0.305 mg/L), chromium (0.01125 mg/L), copper (0.00303 mg/L), iron (0.855 mg/L), magnesium (0.104 mg/L), manganese (0.00849 mg/L), and nickel (0.00661 mg/L) were above the RL. The field blank contained calcium (0.128 mg/L) and copper (0.00500 mg/L) were above the RLs. Positive results for these metals that are less than 5 times the highest blank level should be considered nut detected (U) in associated aqueous samples.

ICP Interference Check Sample: The percent recoveries for applicable metals were within control limits (80-120%).

Spike Sample Recovery: The percent recoveries (%Rs) for TCLP metals were within control limits (75-125%) for TCLP batch spike sample L2629282-01.

The %Rs for applicable metals were within control limits (75-125%) for aqueous MS/MSD sample MW-105.

Laboratory Duplicates: The relative percent differences for applicable metals were below the allowable maximum (20%) for aqueous MS/MSD sample MW-105, as required.

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Field Duplicates: The relative percent differences for applicable metals were below the allowable maximum (20%) for aqueous field duplicate pair MW-106/CHA-1 (attached table), as required.

Laboratory Control Sample: The percent recoveries for target metals were within control limits for aqueous samples WG2221239-2 and WG2221811-2 and TCLP samples WG2218451-2 and WG2218452-2.

Form 2A
Initial and Continuing Calibration Verification

Client	: CHA Companies	**Lab Number**	: L2630380
Project Name	: SYR GATEWAY	**Project Number**	: 086328
Instrument ID	: ICPMSQ2	**Units**	: ug/l

	Initial Calibration			Continuing Calibration(s)						
Lab ID :	R2112567-3			R2112567-6			R2112567-8		R2112567-10	
Date Analyzed :	06/03/26 08:13			06/03/26 08:38			06/03/26 10:02		06/03/26 10:38	
Parameter	**True**	**Found**	**%R**	**True**	**Found**	**%R**	**Found**	**%R**	**Found**	**%R**
Aluminum	50.0	50.5000	101	60.0000	64.9	108	65.8	110	57.3	96
Antimony	50.0	50.6000	101	60.0000	65.4	109	66.2	110	54.0	90
Arsenic	50.0	52.5000	105	60.0000	65.8	110	65.4	109	58.4	97
Barium	50.0	49.4000	99	60.0000	63.7	106	64.6	108	59.5	99
Beryllium	50.0	52.1000	104	60.0000	65.6	109	63.1	105	59.3	99
Cadmium	50.0	51.9000	104	60.0000	66.0	110	65.7	110	60.0	100
Calcium	5000	4860.0000	97	6000.0000	6540	109	6610	110	5810	97
Chromium	50.0	50.9000	102	60.0000	64.7	108	64.9	108	58.6	98
Cobalt	50.0	51.6000	103	60.0000	65.2	109	65.6	109	58.7	98
Copper	50.0	50.6000	101	60.0000	64.2	107	65.8	110	60.3	100
Iron	5000	5020.0000	100	6000.0000	6560	109	6620	110	5940	99
Lead	50.0	52.3000	105	60.0000	66.1	110	65.1	108	58.8	98
Magnesium	5000	4980.0000	100	6000.0000	6300	105	6550	109	5810	97
Manganese	50.0	51.2000	102	60.0000	66.0	110	65.4	109	59.3	99
Nickel	50.0	50.6000	101	60.0000	65.3	109	65.4	109	59.3	99
Potassium	5000	5120.0000	102	6000.0000	6420	107	6500	108	5770	96
Selenium	50.0	57.0000	114	60.0000	64.0	107	65.0	108	59.1	98
Silver	50.0	49.2000	98	60.0000	66.2	110	68.0	113	60.2	100
Sodium	5000	4950.0000	99	6000.0000	6300	105	6550	109	5790	96
Thallium	50.0	52.3000	105	60.0000	64.7	108	65.4	109	58.8	98
Vanadium	50.0	50.5000	101	60.0000	65.9	110	66.0	110	57.8	96
Zinc	50.0	56.1000	112	60.0000	66.1	110	65.7	110	60.6	101

Acceptance Criteria:

ICV:	95-105%	(Methods 200.7, 245.1)	90-110%	(Methods 200.8, 6010, 6020, 7470, 7471, 7474)
	77-123%	(Method 1631)	76-113%	(Method 245.7)
CCV:	90-110%	(Methods 200.7, 245.1, 6010, 6020, 7474)		
	85-115%	(Method 200.8)	80-120%	(Methods 7470, 7471)
	77-123%	(Method 1631)	76-113%	(Method 245.7)

Field Duplicate Calculation Section

EPA Method 1633 PFC

Calculations for Field Duplicate Relative Percent Difference (RPD)

SDG No. L2630380

S1= MW-106 **S2=** CHA-1

Analyte	S1	S2	RPD (%)
Perfluorobutanoic Acid (PFBA)	6.67	7.11	6%
Perfluoropentanoic Acid (PFPeA)	3.7	3.66	1%
Perfluorobutanesulfonic Acid (PFBS)	1.93	1.89	2%
Perfluorohexanoic Acid (PFHxA)	2.19	2.23	2%
Perfluoroheptanoic Acid (PFHpA)	**0.887**	**0.806**	NC
Perfluorohexanesulfonic Acid (PFHxS)	**0.658**	**0.718**	NC
Perfluorooctanoic Acid (PFOA)	2.79	2.56	9%
Perfluorooctanesulfonic Acid (PFOS)	**1.32**	**1.3**	2%

* RPD is above the allowable maximum 20%

Results are in units of ng/L.

Bold numbers were values that 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.

Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2630380

S1= MW-106 **S2=** CHA-1

Analyte	S1	S2	RPD (%)
1,1-Dichloroethane	6	6.2	3%
1,2-Dichloroethane	0.74	0.79	7%
1,1-Dichloroethene	2.9	3.1	7%
Acetone	**3**	**4**	NC

* RPD is above the allowable maximum 20%.

Results are in units of ug/L.

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.

Semi-Volatiles

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2630380

S1= MW-106 **S2=** CHA-1

Analyte	S1	S2	RPD (%)
Naphthalene (SIM)	**0.07**	**0.04**	NC
2-Methylnaphthalene (SIM)	0.12	ND	NC

* RPD is above the allowable maximum 20%.

Results are in units of ug/L.

Bold numbers were values that are below the CRQL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

Semi-Volatiles (1,4-Dioxane)

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2630380

S1= MW-106 **S2=** CHA-1

Analyte	S1	S2	RPD (%)
1,4-Dioxane	**112**	**99.4**	12%

* RPD is above the allowable maximum 20%

Results are in units of ng/L.

Bold numbers were values that are below the CRQL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

TAL Metals

Calculations for Field Duplicate Relative Percent Difference (RPD)
SDG No. L2630380

S1= MW-106 **S2=** CHA-1

Analyte	S1	S2	RPD (%)
aluminum	0.0592	0.0547	8%
antimony	ND	ND	NC
arsenic	**0.00031**	**0.00033**	NC
barium	0.1453	0.145	0%
beryllium	ND	ND	NC
cadmium	ND	ND	NC
calcium	187	190	2%
chromium	**0.00095**	0.00117	NC
cobalt	0.00161	0.00156	3%
copper	**0.00099**	**0.00086**	NC
iron	0.174	0.147	17%
lead	ND	ND	NC
magnesium	33.2	35.7	7%
manganese	0.2655	0.2552	4%
mercury	ND	ND	NC
nickel	0.00286	0.00287	0%
potassium	16.2	16.3	1%
selenium	ND	ND	NC
silver	ND	ND	NC
sodium	423	448	6%
thallium	ND	ND	NC
vanadium	ND	ND	NC
zinc	ND	ND	NC

* RPD is above the allowable maximum 20%.

Results are in units of mg/L.

Bold numbers were values that are below the CRDL.
ND - Not detected.
NC - Not calculated, both results must be above the CRDL for valid RPDs to be calculated.

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